FORM 3

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL

OIL [X] GAS [ ] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NO.: State #5-16-9-16

3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (FOOTAGE)

At Surface: SW/NW 2043' FNL 758' FWL

At proposed Producing Zone: 574194X 40.032516
4431518Y -110.130428

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW Sec. 16, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 22.1 miles southwest of Myton, UT

12. County: Duchesne

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
Approx. 758' f/lse line and NA' f/unit line	640.00	40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
Approximately 1412'	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5922' GL

22. APPROX. DATE WORK WILL START*: 1st Quarter 2008

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	~~290'~~ 400'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/I 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24.

Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 11/19/2007

(This space for State use only)

API Number Assigned: 43-013-33849 APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining

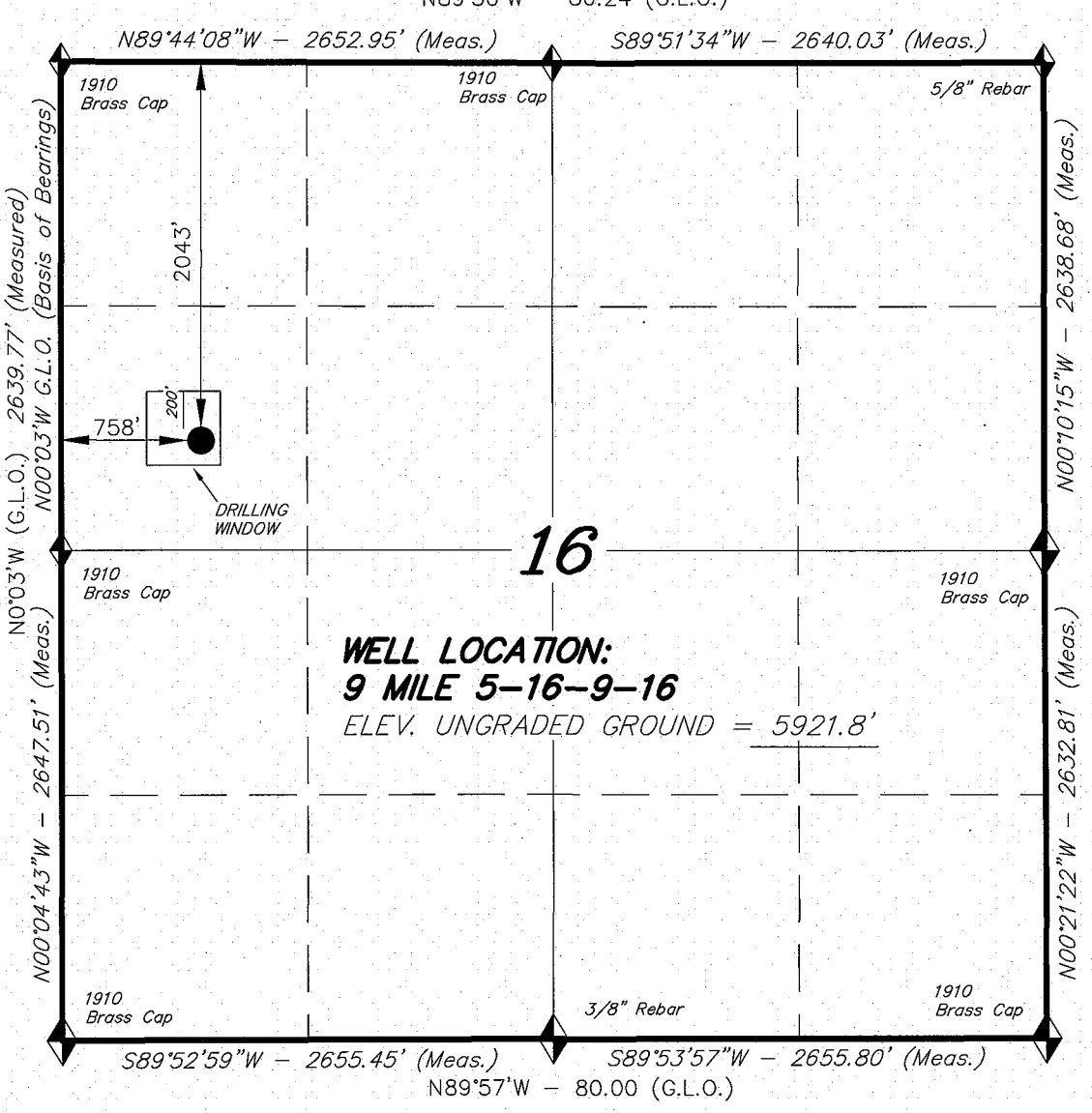
Date: 01-24-08

By:

*See Instructions On Reverse Side

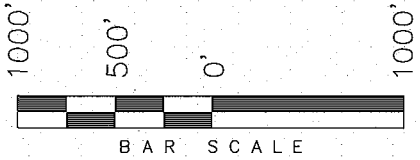
RECEIVED
NOV 29 2007
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

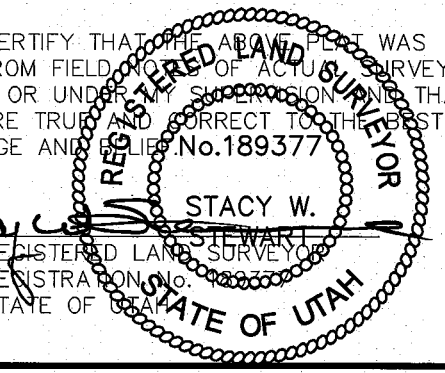


NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-16-9-16, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-16-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 57.02"
LONGITUDE = 110° 07' 51.79"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-10-07	SURVEYED BY: C.M.
DATE DRAWN: 10-31-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
STATE #5-16-9-16
SW/NW SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at ~~290'~~ 400' (New)
Production Casing:5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

A fresh water/polymer system will be utilized to drill the well. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location is to be "Air Drilled", Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

Newfield Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM	MUD TYPE
Surface – 3200'	fresh water system
3200' – TD'	fresh water system

From surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ ~~290'~~ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2008, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
STATE #5-16-9-16
SW/NW SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State #5-16-9-16 located in the SW¼ NW¼ Section 16, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.4 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with an existing road to the southwest; proceed southwesterly approximately 9.7 miles to its junction with an existing road to the southeast; proceed southeasterly approximately 0.3 miles to its junction with an existing road to the northeast; proceed northeasterly approximately 5.1 miles to its junction with and existing road to the southwest; proceed southwesterly approximately 1.8 miles to its junction with an existing road to the northwest; proceed in a northwesterly direction approximately 1.4 miles to its junction with the beginning of the proposed access road to the south; proceed southwesterly along the proposed access road approximately 2,640'; turn and proceed in a southwesterly direction along the proposed access road approximately 930' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 3,570' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B.**

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A.**

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached. **Refer to Exhibit "D".**

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the State 5-16-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the State 5-16-9-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #5-16-9-16, SW/NW Section 16, T9S, R16E, LEASE #ML-16532, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

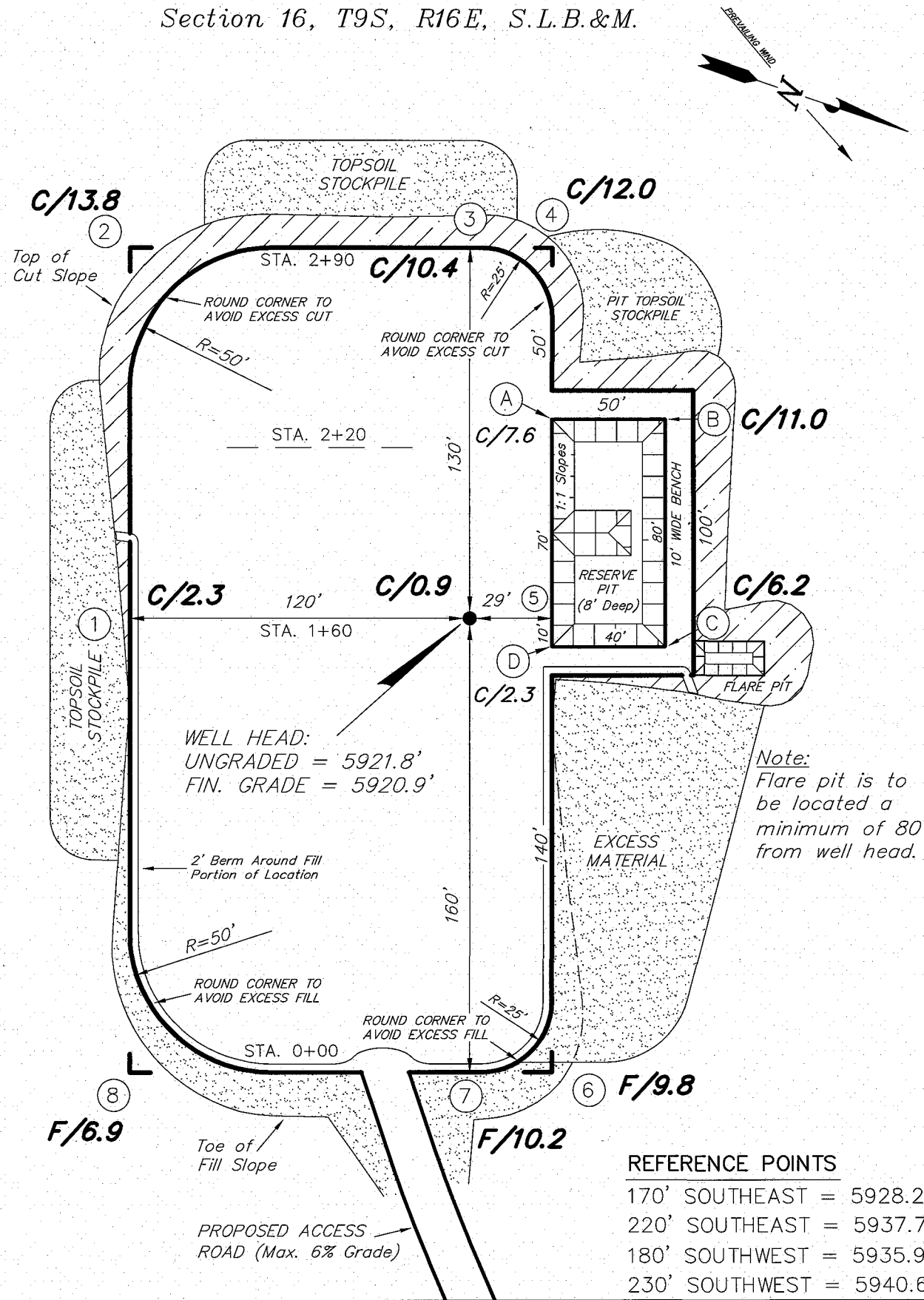
11/19/07
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-16-9-16

Section 16, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' SOUTHEAST = 5928.2'
220' SOUTHEAST = 5937.7'
180' SOUTHWEST = 5935.9'
230' SOUTHWEST = 5940.6'

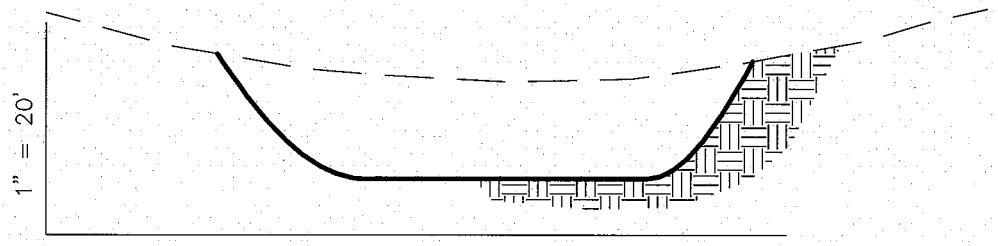
SURVEYED BY:	C.M.	DATE SURVEYED:	10-10-07
DRAWN BY:	F.T.M.	DATE DRAWN:	10-31-07
SCALE:	1" = 50'	REVISED:	

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

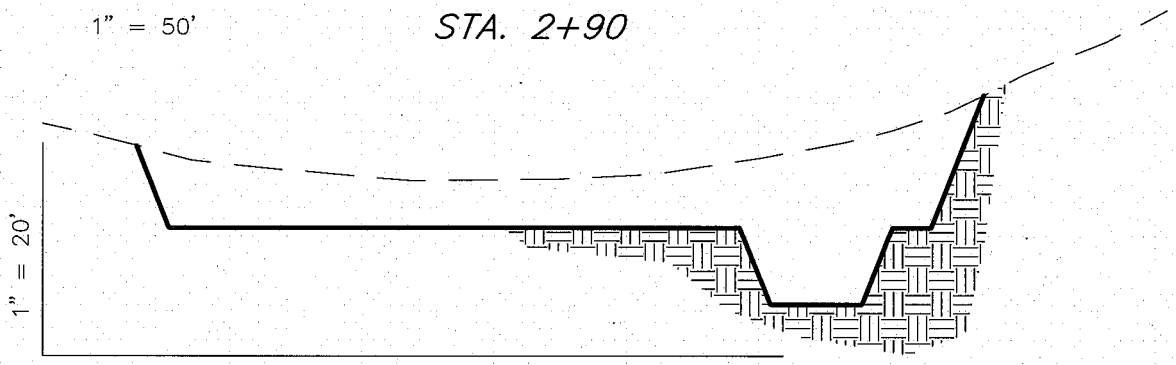
CROSS SECTIONS

9 MILE 5-16-9-16



1" = 50'

STA. 2+90



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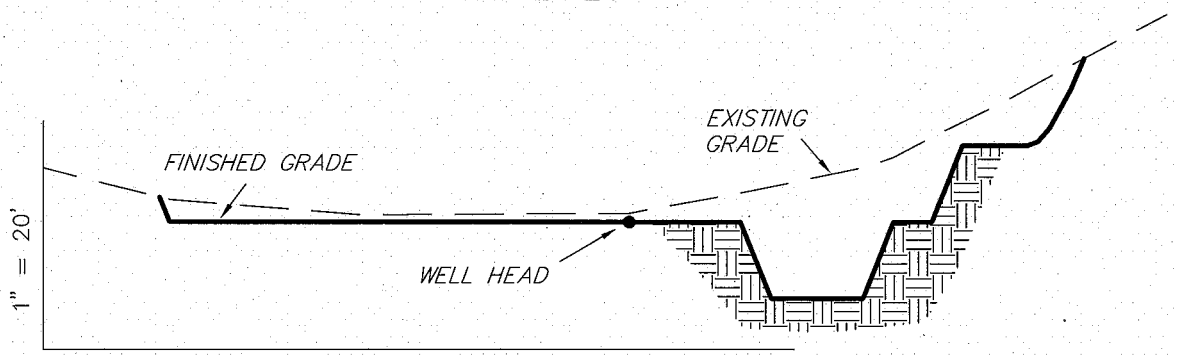
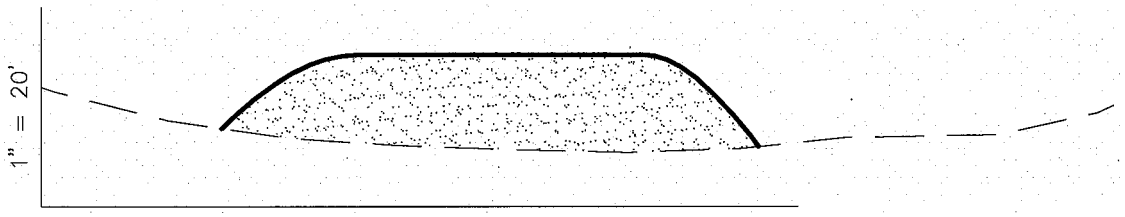
STA. 2+20



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,110	4,520	Topsoil is not included in Pad Cut	1,590
PIT	640	0		640
TOTALS	6,750	4,520	1,050	2,230

SURVEYED BY: C.M.	DATE SURVEYED:	10-10-07	
DRAWN BY: F.T.M.	DATE DRAWN:	10-31-07	
SCALE: 1" = 50'	REVISED:		

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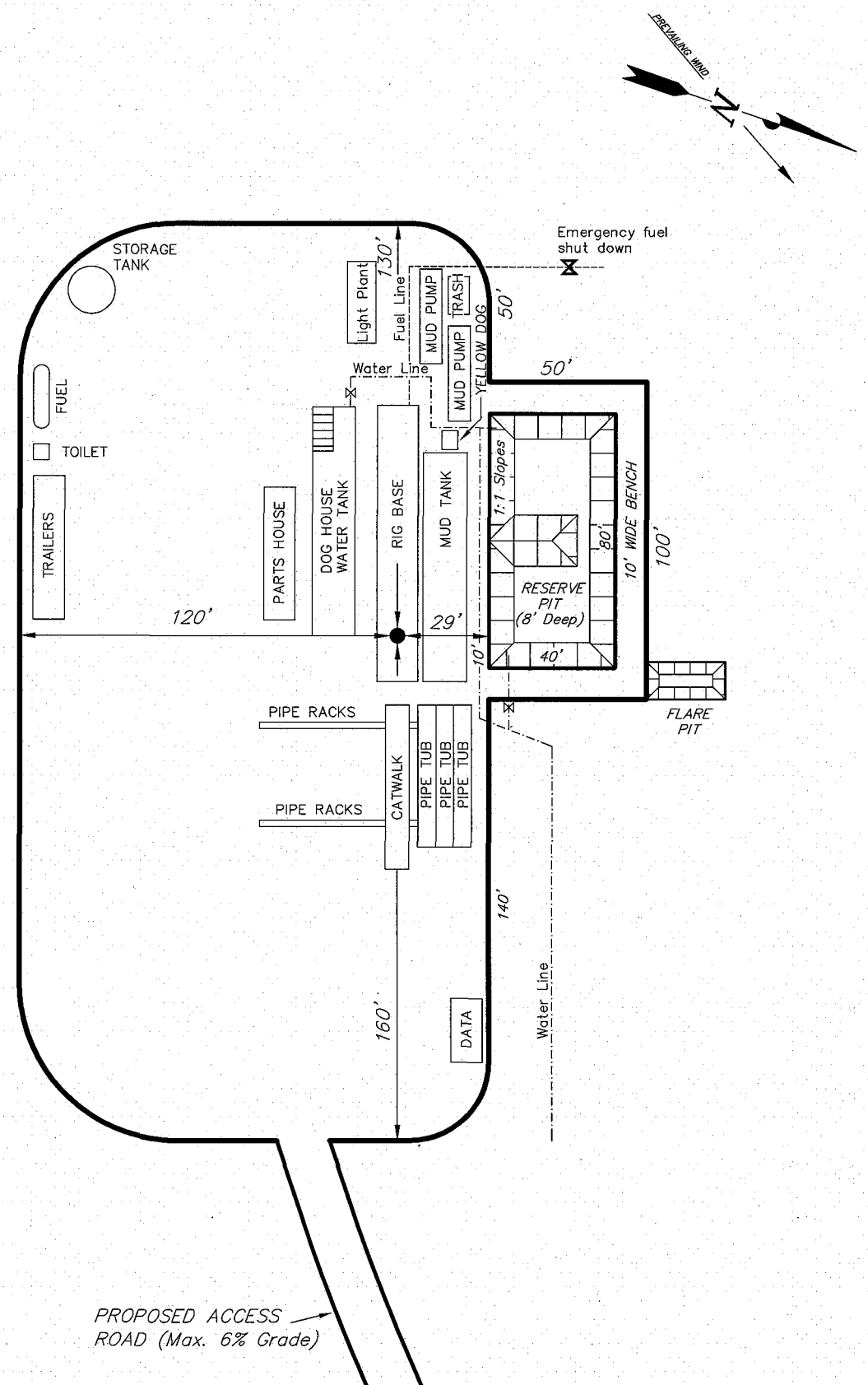
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-16-9-16



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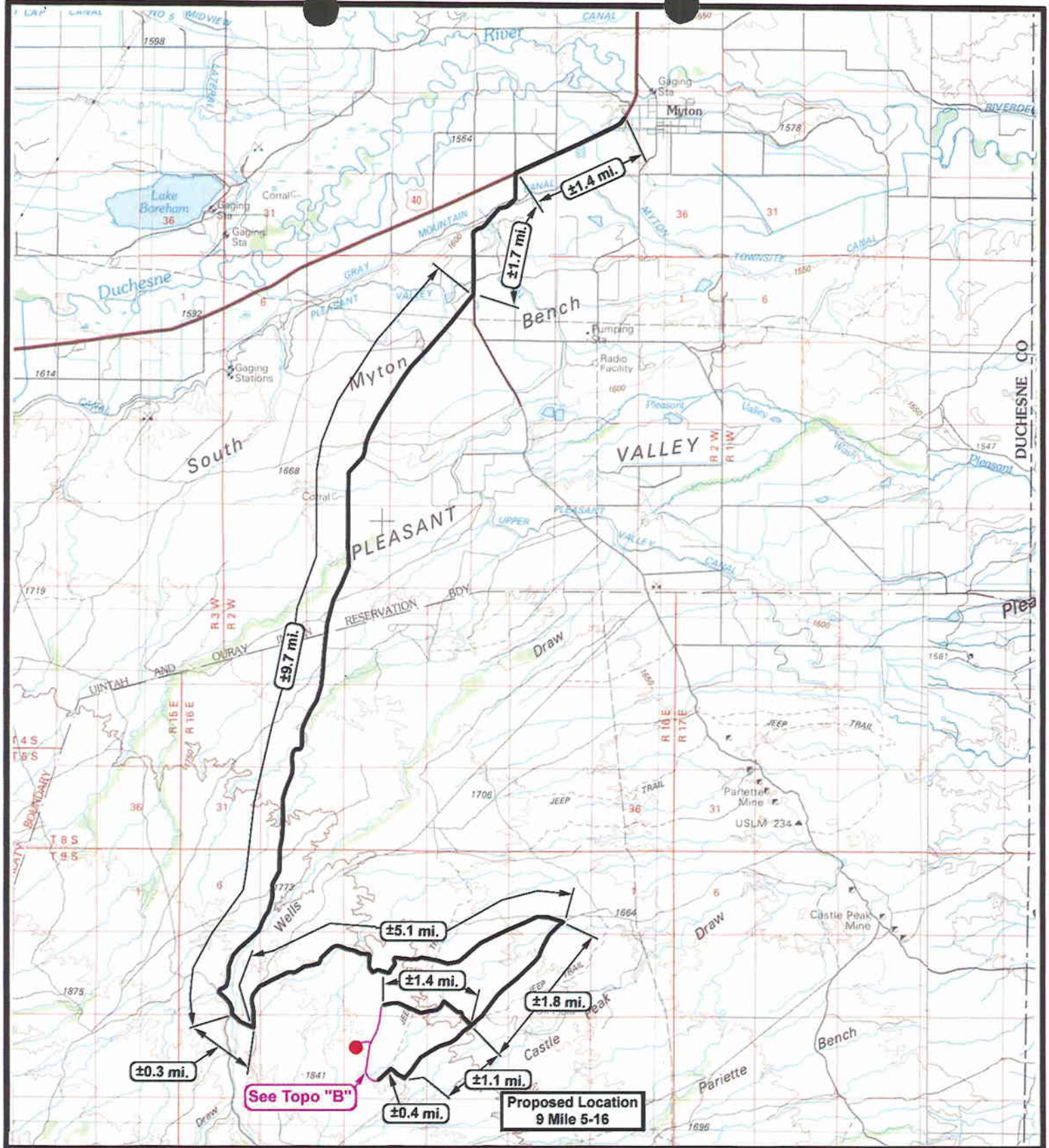


NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

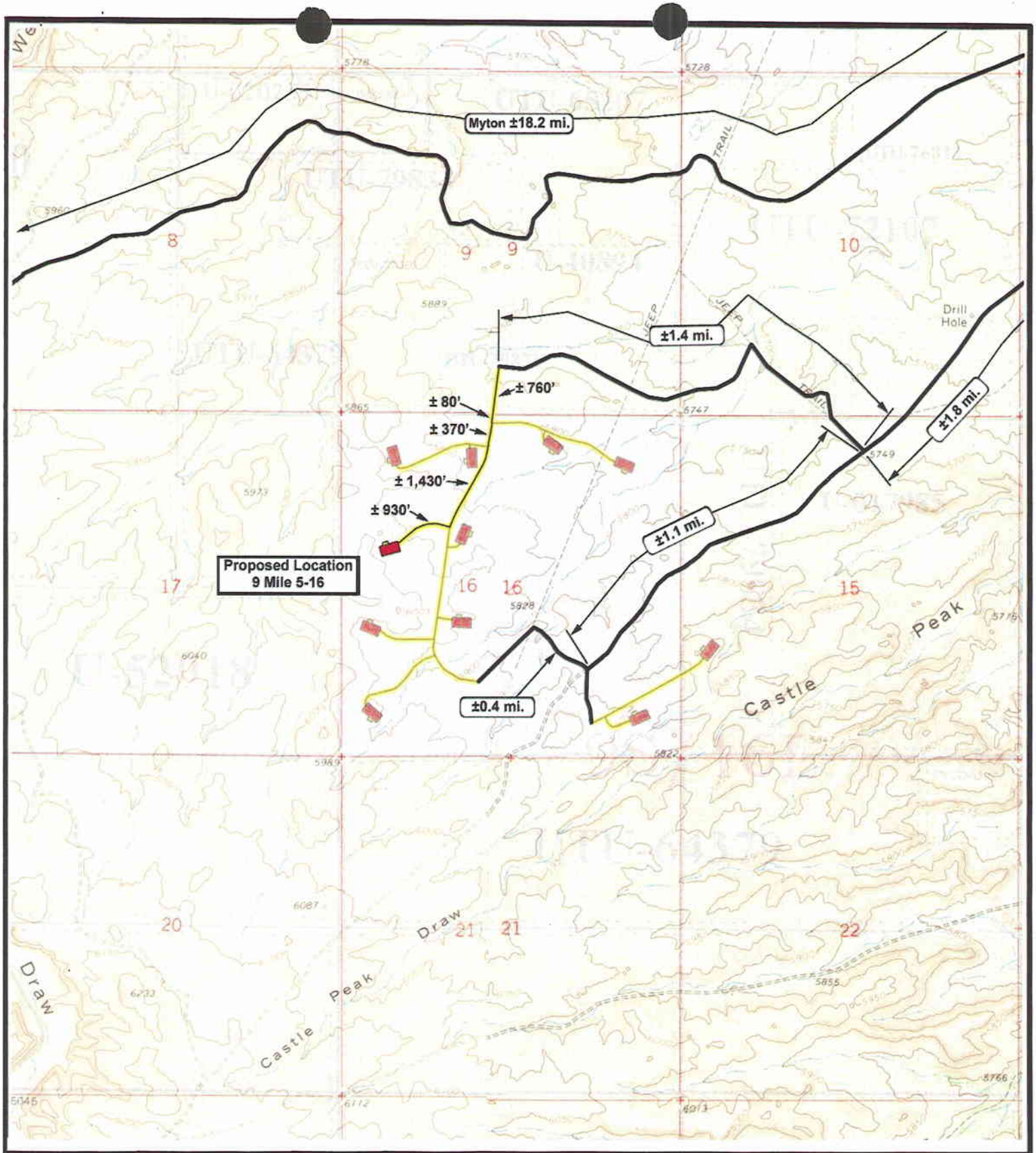
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 11-02-2007

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

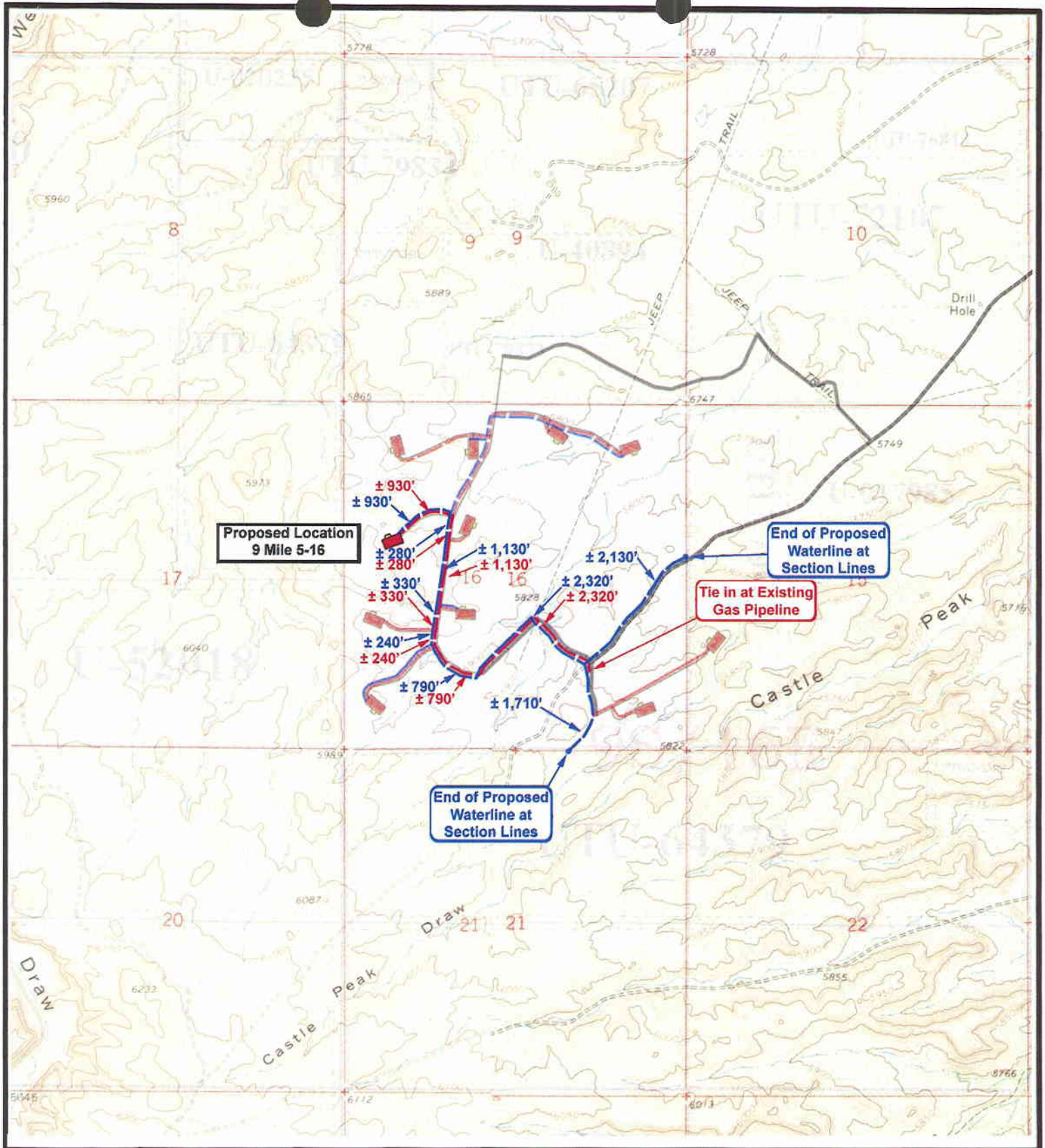
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

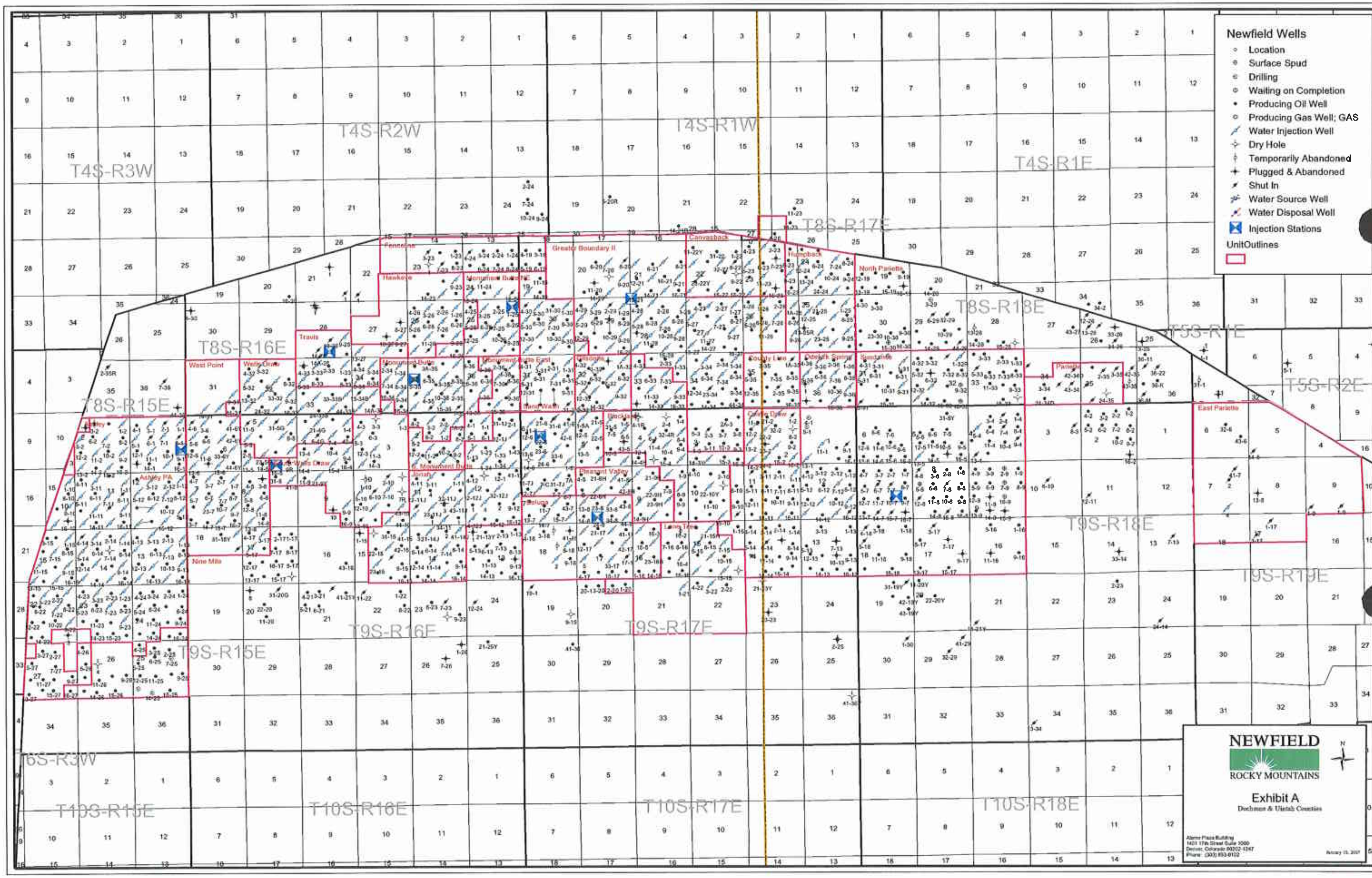
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

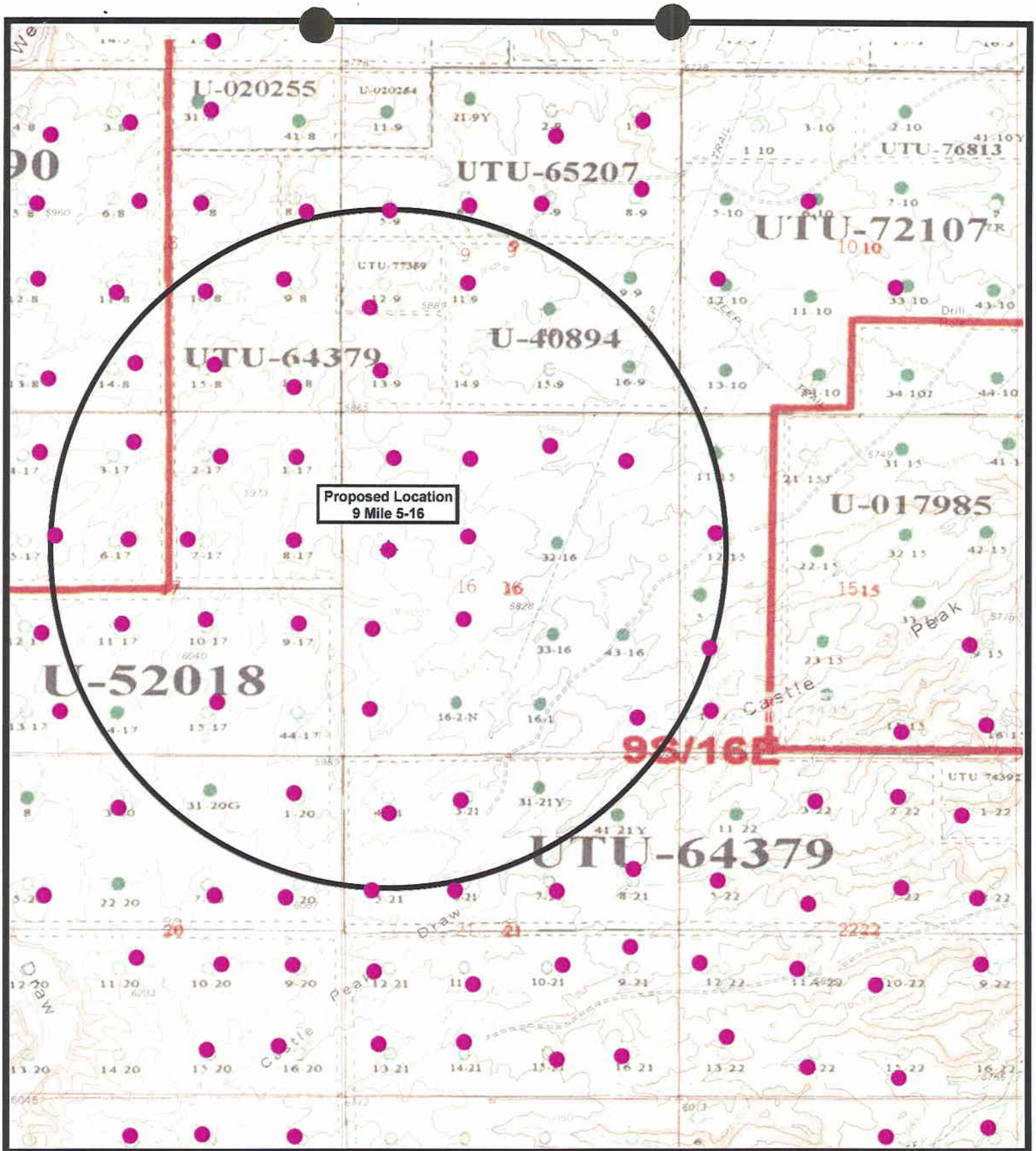
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well; GAS
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T8S-R17E
T8S-R18E
T8S-R16E
T8S-R15E
T5S-R1E
T5S-R2E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T9S-R19E
T6S-R3W
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
Fenceline
Hawkeye
Monument Butte NE
Greater Boundary II
Canvasback
Humpback
North Pariette
Travis
West Point
Wells Draw
Monument Butte
Monument Butte East
Gilsonite
Sundance
Pariette
East Pariette
Ashley
Ashley PA
S. Wells Draw
Sand Wash
S. Monument Butte
Jonah
Beluga
Pleasant Valley
Lone Tree
Nine Mile
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties
N



NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

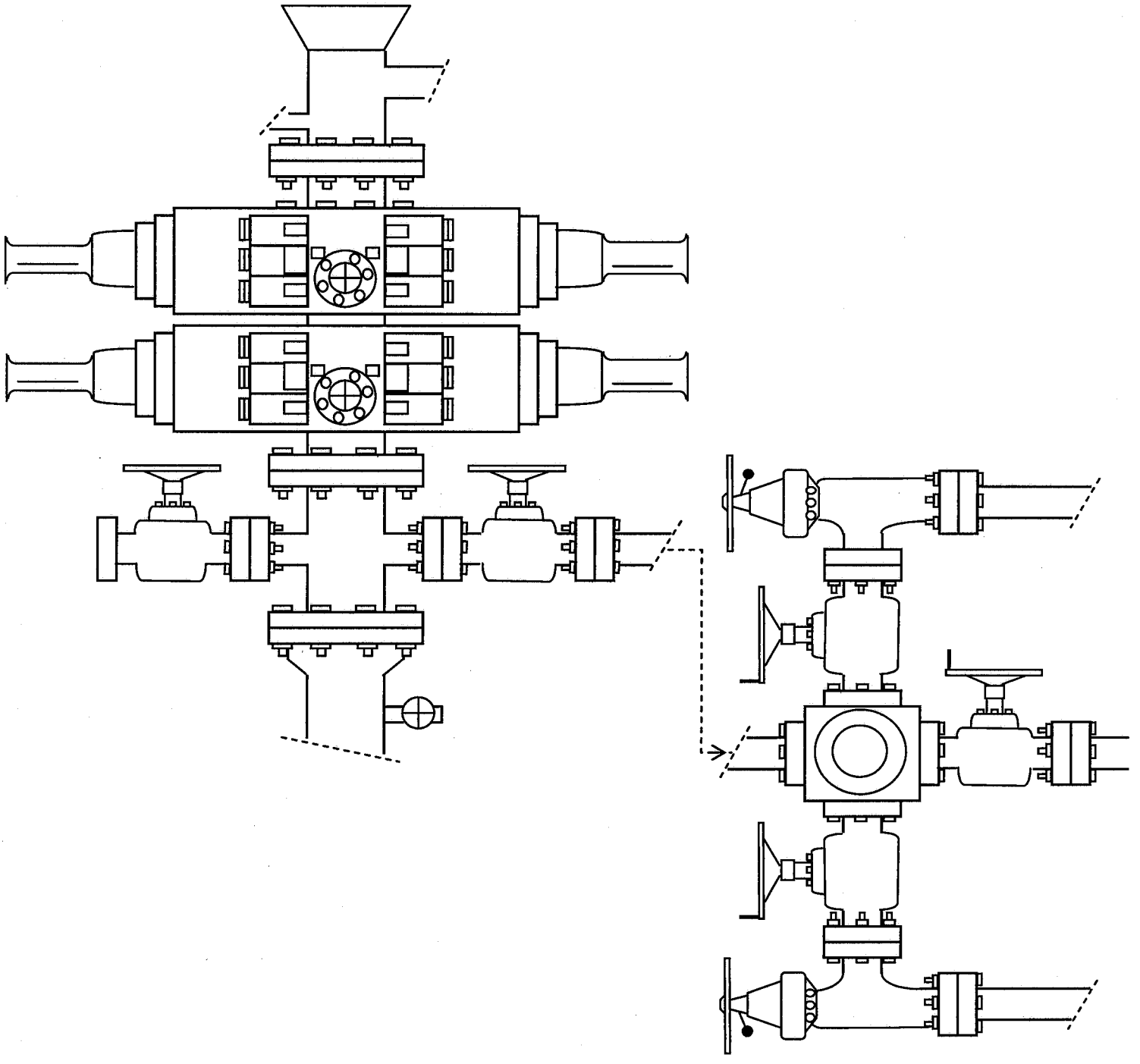


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S TEN 40 ACRE PARCELS IN TOWNSHIP 9S, RANGE 16E, SECTION 16 DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

State of Utah
School & Institutional Trust Lands Administration
Salt Lake City

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-348

October 31, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Public Lands Policy
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1297s

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/29/2007

API NO. ASSIGNED: 43-013-33849

WELL NAME: STATE 5-16-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWNW 16 090S 160E

SURFACE: 2043 FNL 0758 FWL

BOTTOM: 2043 FNL 0758 FWL

COUNTY: DUCHESNE

LATITUDE: 40.03252 LONGITUDE: -110.1304

UTM SURF EASTINGS: 574194 NORTHINGS: 4431518

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/24/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-16532

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

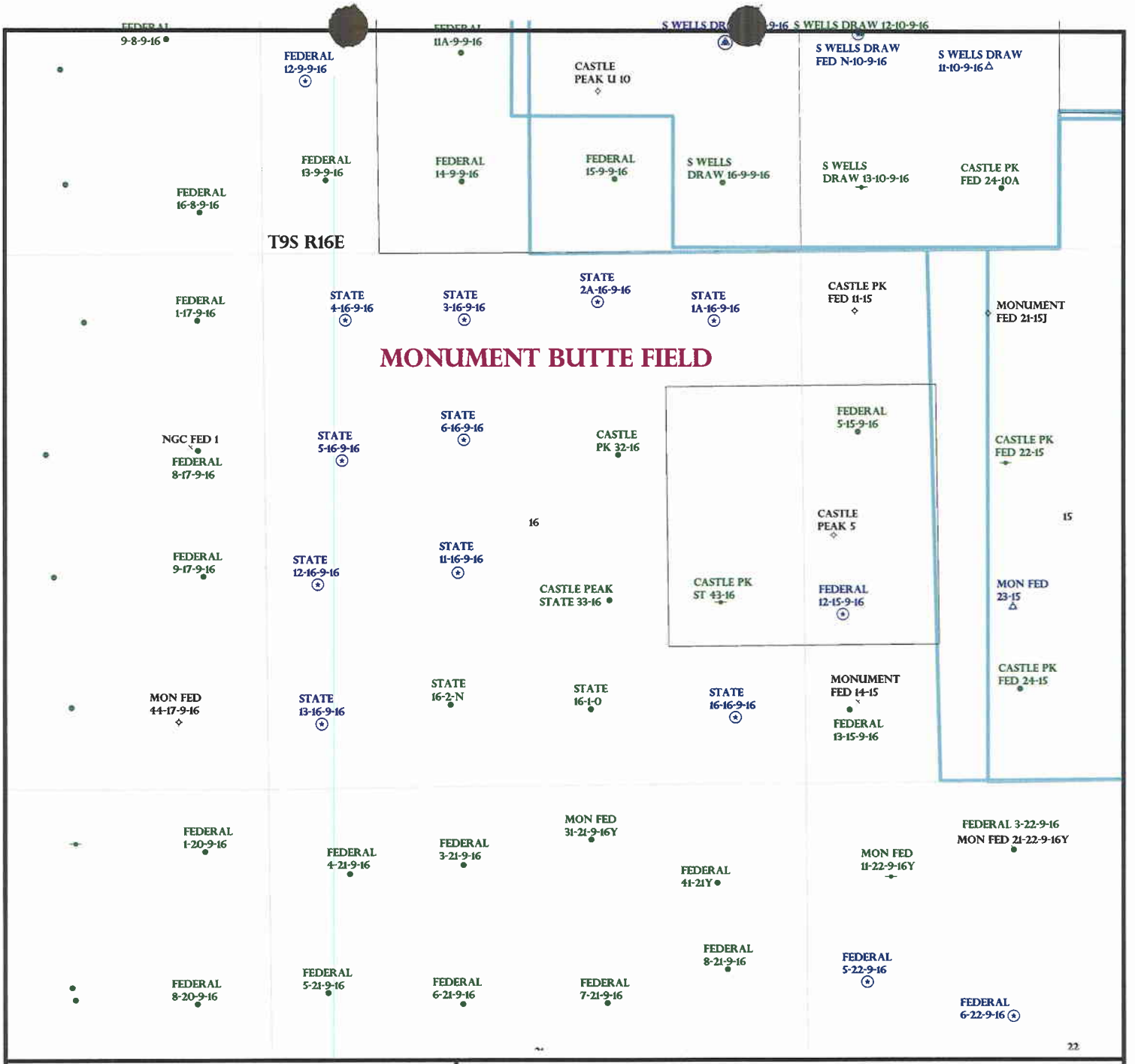
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___

___ R649-3-11. Directional Drill

COMMENTS: Needs Onsite (12-13-07)

STIPULATIONS: 1- Spacing Strip
2- STATEMENT OF BASIS
3- Surface Csg Cmt Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 16 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 05-DECEMBER-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
630	43-013-33849-00-00		OW	S	No

Operator NEWFIELD PRODUCTION COMPANY **Surface Owner-APD**
Well Name STATE 5-16-9-16 **Unit**
Field MONUMENT BUTTE **Type of Work**
Location SWNW 16 9S 16E S 2043 FNL 758 FWL GPS Coord (UTM) 574194E 4431518N

Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,900'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought high enough to cover the estimated base of the moderately saline ground water.

Brad Hill — 12/19/2007
APD Evaluator — **Date / Time**

Surface Statement of Basis

The general area is approximately 22 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 22.1 miles. Construction of 930 feet of new road will be required.

The proposed State #5-16-9-16 oil well location is in a small bowl that drains gently to the northeast. The bowl is surrounded on 3 sides by low hills with bedrock outcrops. The reserve pit will be cut into the hill on the west. Most of the location is in gentle terrain. Slight overland flow may occasionally occur from the south but most will be intercepted by the location topsoil stockpile. No diversions are recommended. The selected site poses no apparent surface concerns and appears to be a good location for constructing a pad, drilling and operating a well. The area was covered with about 10 inches of snow during the evaluation. Both the surface and minerals are owned by SITLA.

Daniel Emmett representing the Utah Division of Wildlife Resources stated the area is classified as substantial value sage grouse brooding habitat and crucial yearlong antelope habitat. He ask Mr. Allred of Newfield and Mr. Davis of SITLA that they try to schedule construction and drilling around the critical period of March 1 to June 15th for sagegrouse brooding. No restrictions for the antelope were requested. No other wildlife are expected to be significantly affected. Mr. Emmett gave Mr. Allred of Newfield Production Company and Mr. Davis of SITLA a copy of his evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed.

Floyd Bartlett — 12/13/2007
Onsite Evaluator — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name STATE 5-16-9-16
API Number 43-013-33849-0 **APD No** 630 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWNW **Sec** 16 **Tw** 9S **Rng** 16E 2043 FNL 758 FWL
GPS Coord (UTM) 574203 4431525 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred (Newfield Production Company), Cory Miller (Tri-State Land Surveying), Jim Davis (SITLA), Daniel Emmett (Utah Division of Wildlife Resources).

Regional/Local Setting & Topography

The general area is approximately 22 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 22.1 miles. Construction of 930 feet of new road will be required.

The proposed State #5-16-9-16 oil well location is in a small bowl that drains gently to the northeast. The bowl is surrounded on 3 sides by low hills with bedrock outcrops. The reserve pit will be cut into the hill on the west. Most of the location is in gentle terrain. Slight overland flow may occasionally occur from the south but most will be intercepted by the location topsoil stockpile. No diversions are recommended. The selected site poses no apparent surface concerns and appears to be a good location for constructing a pad, drilling and operating a well. The area was covered with about 10 inches of snow during the evaluation. Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.09	**Width** 199	**Length** 290	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Area was covered with snow. Vegetation is a Deseret shrub type. Identified or expected vegetation consisted of black sagebrush, shadscale, greasewood, mustard weed, rabbit brush, horsebrush, broom snakeweed, and spring annuals.

Cattle, prairie dogs, antelope, small mammals and birds. Golden eagle have been sited in the general area.

Soil Type and Characteristics

Moderately shallow sandy clay loam with some surface rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Slight overland flow may occasionally occur from the south but most will be intercepted by the location topsoil stockpile. No diversions are recommended.

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 **Sensitivity Level**

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** N **Liner Thickness** 16 **Pit Underlayment Required?** N

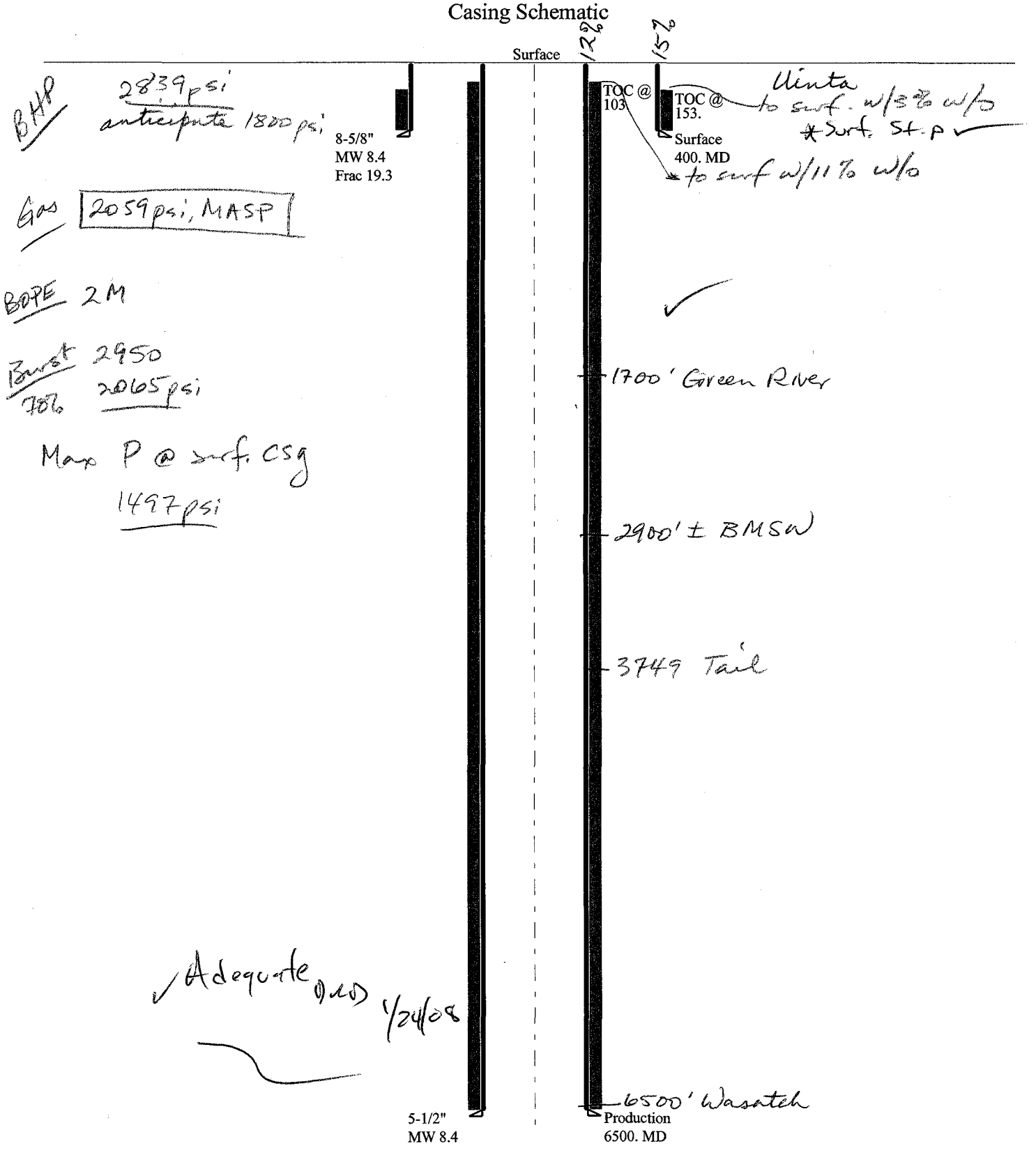
Other Observations / Comments

ATV's used to reach site. Site under 10 inches of snow.

Floyd Bartlett	12/13/2007
Evaluator	**Date / Time**

2008-01 Newfield State 5-16-9-16

Casing Schematic



BOPE REVIEW

Well Name	Newfield State 5-16-9-16 API# 43-013-33849

INPUT

Well Name	Newfield State 5-16-9-16 API# 43-013-33849			
	String 1	String 2	String 3	String 4
Casing Size (")	20	13 3/8		
Setting Depth (TVD)	400	6500		
Previous Shoe Setting Depth (TVD)	0	400	0	0
Max Mud Weight (ppg)	8.4	8.4		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		

Calculations	String 1	20 "	
Max BHP [psi]	.052*Setting Depth*MW =	175	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	NO No expected pressures @ Set depth
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	87	NO
Required Casing/BOPE Test Pressure		400	psi
***Max Pressure Allowed @ Previous Casing Shoe =**		0	psi *Assumes 1psi/ft frac gradient

Calculations	String 2	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	2839	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2059	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1409	YES ✓
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1497	NO
Required Casing/BOPE Test Pressure		2000	psi
***Max Pressure Allowed @ Previous Casing Shoe =**		400	psi *Assumes 1psi/ft frac gradient

Well name:	**2008-01 Newfield State 5-16-9-16**
Operator:	**Newfield Production Company**
String type:	Surface
Project ID:	43-013-33849
Location:	Duchesne County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 349 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 81 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 153 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,500 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,836 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	175	1370	7.851	400	2950	7.38	8	244	29.09 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: January 11,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-01 Newfield State 5-16-9-16**
Operator:	**Newfield Production Company**
String type:	Production
Project ID:	43-013-33849
Location:	Duchesne County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,406 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,836 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,674 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 166 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 103 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	6500	5.5	15.50	J-55	LT&C	6500	6500	4.825	868.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2836	4040	1.424	2836	4810	1.70	88	217	2.47 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: January 11,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Mason, Diana
Date: 1/8/2008 12:05 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

ConocoPhillips Company
Utah 29-574D (API 43 015 30735)

EOG Resources, Inc
CWU 956-32 (API 43 047 39515)

Kerr McGee Oil & Gas Onshore LP
NBU 1021-2N (API 43 047 38840)

Newfield Production Company
Wells Draw Fed C-5-9-16 (API 43 013 33753)
State 1A-16-9-16 (API 43 013 33845)
State 2A-16-9-16 (API 43 013 33846)
State 3-16-9-16 (API 43 013 33847)
State 4-16-9-16 (API 43 013 33848)
State 5-16-9-16 (API 43 013 33849)
State 6-16-9-16 (API 43 013 33850)
State 12-16-9-16 (API 43 013 33852)
State 13-16-9-16 (API 43 013 33853)
State 16-16-9-16 (API 43 013 33854)

Pioneer Natural Resources USA, Inc
Main Canyon State 12-16-15-23 (API 43 047 39695)
Main Canyon State 34-21-15-23 (API 43 047 39696)
Horse Point State 34-10-16-23 (API 43 019 31558)
Horse Point State 41-1-16-23 (API 43 019 31599)
Grand Canyon State 23-35-15.5-23 (API 43 019 31560)

If you have any questions regarding this matter please give me a call.

Helen Sadik-Macdonald - Newfield wells

From: "Hans Wychgram"
To:
Date: 01/09/2008 3:52 PM
Subject: Newfield wells
CC: "Brad Mecham" , "Mandie Crozier"

Helen,

As per our conversation this afternoon, Newfield agrees to set 400' of surface casing on the following wells:

State 3-16-9-16

State 4-16-9-16

State 5-16-9-16

State 6-16-9-16

State 11-16-9-16

State 12-16-9-16

State 13-16-9-16

State 16-16-9-16

Gilsonite L-32-8-17

Monument Butte F-36-8-16

Also, we discussed setting 300' of 20" conductor casing on the following deep gas wells:

Beluga 16T-5-9-17

Monument Butte 4-36T-8-16

Thanks,

Hans Wychgram

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: State 5-16-9-16 Well, 2043' FNL, 758' FWL, SW NW, Sec. 16, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33849.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Newfield Production Company

Well Name & Number State 5-16-9-16

API Number: 43-013-33849

Lease: ML-16532

Location: SW NW **Sec.** 16 **T.** 9 South **R.** 16 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Surface casing shall be cemented to the surface.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-16532** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 5-16-9-16**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-013-33849**
4. LOCATION OF WELL Footages **2043 FNL 758 FWL** QQ, SEC, T, R, M: **SW/NW Section 16, T9S R16E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **DUCHESNE** STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT: (Submit in Duplicate)		SUBSEQUENT REPORT OF: (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[ ] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[X] OTHER **APD Change**		DATE WORK COMPLETED	

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanies by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfeild Production requests the following changes be made the drilling program on the above mentioned approved APD.

Surface Casing will be set @ 290'.

13. NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 3/7/2008

(This space for State use only)

4/94 See Instructions On Reverse Side

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3/14/08

BY:

RECEIVED

MAR 1 2 2008

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 3·19·2008

Initials: KS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **STATE 5-16-9-16**

Api No: **43-013-33849** Lease Type: **STATE**

Section **16** Township **09S** Range **16E** County **DUCHESNE**

Drilling Contractor **ROSS DRILLING** RIG # **24**

SPUDDED:

Date **04/07/08**

Time **3:30 PM**

How **DRY**

Drilling will Commence:

Reported by **JIM SMITH**

Telephone # **(435) 823-2072**

Date 04/08/08 Signed CHD

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTAH STATE ML-16532

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STATE 5-16-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333849

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2043 FNL 758 FWL

SWNW Section 16 T9S R16E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Weekly Status Report
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/11/08 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 285'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5825'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 5820.73' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 2 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig @ 4:30 PM on 4/15/08.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Jim Smith

Title
Drilling Foreman

Signature

Date
04/16/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C, Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
APR 18 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT **5820.73**

Flt cllr @ 5799.48'

LAST CASING 8 5/8" SET A 324.33'

OPERATOR **Newfield Production Company**

DATUM **12**

WELL **State 5-16-9-16**

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT **Monument Butte**

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # **NDSI Rig # 3**

TD DRILLER **5825'** LOGGE 5935'

HOLE SIZE **7 7/8"**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 4020'/5.44"					
138	**5 1/2"**	ETC LT & C casing	**15.5#**	**J-55**	**8rd**	**A**	5786.88
							0.6
1	**5 1/2"**	ETC LT&C csg	**15.5#**	**J-55**	**8rd**	**A**	20.6
		GUIDE shoe			**8rd**	**A**	0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	5822.73	139
LESS NON CSG. ITEMS	15.25	
PLUS FULL JTS. LEFT OUT	221.29	6
TOTAL	**6028.77**	145
TOTAL CSG. DEL. (W/O THRDS)	6028.77	145
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	4/15/2008	4:30 AM
CSG. IN HOLE	4/15/2008	8:30 AM
BEGIN CIRC	4/15/2008	8:30 AM
BEGIN PUMP CMT	4/15/2008	10:25 AM
BEGIN DSPL. CMT	4/15/2008	11:05 AM
PLUG DOWN	4/15/2008	**11:30 AM**

TOTAL LENGTH OF STRING	5822.73
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**5820.73**

} COMPARE

GOOD CIRC THRU JOB Yes

Bbls CMT CIRC TO SUF 2

RECIPROCATED PIPE FOR ____ THRU ____ FT STROKE

DID BACK PRES. VALVE HOLD ? yes

BUMPED PLUG TO 2060 PSI

CEMENT USED				CEMENT COMPANY- **B. J.**
STAGE	# SX			CEMENT TYPE & ADDITIVES
1	**300**	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake		
		mixed @ 11.0 ppg W / 3.43 cf/sk yield		
2	**400**	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD		

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Jim Smith DATE **4/15/08**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16800	4304739733	UTE TRIBAL 2-1-5-1E	NWNE	1	5S	1E	DUCHESNE	4/2/2008	4/28/08

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16801	4304739259	FEDERAL 4-24-9-17	NWNW	24	9S	17E	DUCHESNE	4/2/2008	4/28/08

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	14844 ✓	4304734935	SUNDANCE FEDERAL 8-6-9-18	SENE	6	9S	18E 17E	DUCHESNE	4/4/2008	4/28/08

GRRV BHL = SENE Sundance Unit

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16802	4301333849	STATE 5-16-9-16	SWNW	16	9S	16E	DUCHESNE	4/7/2008	4/28/08

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 6 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Jentri Park
Signature
Production Clerk
04/10/08
Date

RECEIVED
APR 10 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: STATE 5-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333849

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2043 FNL 758 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 16, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
05/20/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05/14/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE [signature] DATE 05/20/2008

(This space for State use only)

RECEIVED
MAY 27 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

STATE 5-16-9-16

3/1/2008 To 7/30/2008

5/3/2008 Day: 1 **Completion**

Rigless on 5/2/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5757' & cement top @ 70'. Perforate stage #1, CP3 sds @ 5698-5706' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 32 shots. 136 BWTR. SWIFN.

5/8/2008 Day: 2 **Completion**

Rigless on 5/7/2008 - Stage #1, CP3 sands. RU BJ Services. 0 psi on well. Frac CP3 sds w/ 34,586#'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Broke @ 3030 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1941 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2046 psi. Leave pressure on well. Stage #2, LODC sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 5440'. Perforate LODC sds @ 5334-42' w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU BJ Services. 1674 psi on well. Frac LODC sds w/ 24,721#'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Broke @ 1889 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2425 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2165 psi. Leave pressure on well. 918 BWTR Stage #3, A.5 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' perf gun. Set plug @ 5180'. Perforate A.5 sds @ 5080- 91' w/ 3-1/8" Slick Guns w/ 4 spf for total of 44 shots. RU BJ Services. 1708 psi on well. Frac A.5 sds w/ 84,098#'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Broke @ 3959 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2065 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2582 psi. Leave pressure on well. 1584 BWTR Stage #4, B2 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 5040'. Perforate B2 sds @ 4968- 74' w/ 3-1/8" Slick Guns w/ 4 spf for total of 24 shots. RU BJ Services. 1921 psi on well. Frac B2 sds w/ 24,764#'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Broke @ 3710 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3365 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2959 psi. Leave pressure on well. 1938 BWTR Stage #5, D2 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 4880'. Perforate D2 sds @ 4778- 85' w/ 3-1/8" Slick Guns w/ 4 spf for total of 28 shots. RU BJ Services. 1452 psi on well. Frac D2 sds w/ 24,664#'s of 20/40 sand in 341 bbls of Lightning 17 fluid. Broke @ 3618 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1975 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1906 psi. Leave pressure on well. 2279 BWTR Stage #6, GB4 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 4280'. Perforate GB4 sds @ 4170- 82' w/ 3-1/8" Slick Guns w/ 4 spf for total of 48 shots. RU BJ Services. 1466 psi on well. Frac GB4 sds w/ 59,402#'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Broke @ 3066 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1805 psi @ ave rate of

23.3 BPM. ISIP 1929 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 7 1/2 hrs & died. Rec. 430 BTF. SIWFN w/ 2360 BWTR.

5/9/2008 Day: 3 **Completion**

Leed #712 on 5/8/2008 - MIRU Leed rig 712. 100 psi on well. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP. Talley PU & RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" J- 55 tbg. Tagged sand @4259'. RU Nabors power swivel. Circulate sand & drill out plugs. Sand @ 4259', Plug @ 4280', Drilled up in 40 mins, Tagged sand @ 4625', Circulate clean down to plug @ 4880'. SIWFN w/ 2335 BWTR.

5/13/2008 Day: 4 **Completion**

Leed #712 on 5/12/2008 - 25 psi on well. Bleed off pressure. Continue to clean out sand & drill out plugs. Plug @ 4880' (Drilled out in 18 mins). Tagged sand @ 5032', Plug @ 5040' (Drilled out in 28 mins), Tagged sand @ 5146', Plug @ 5180' (Drilled up in 23 mins). Tagged plug @ 5440', (Drilled up in 19 mins). Tagged fill @ 5657'. C/O to PBTD @ 5799'. RD power swivel. LD 2 jts of tbg. EOT @ 5738'. RU swab equipment. IFL @ sfc. Made 14 runs. Rec 150 BTF. FFL @ 1200'. Trace of oil, No sand. RD swab equipment. TIH w/ tbg. Tagged sand @ 5754'. Circulate clean down to PBTD @ 5799'. LD 4 jts of tbg. EOT 5680'. SIWFN w/ 2280 BWTR.

5/14/2008 Day: 5 **Completion**

Leed #712 on 5/13/2008 - 25 psi on well. Bleed off pressure. TOH w/ tbg. LD bit & bit sub. PU & RIH w/ production tbg as follows: BP, 4- jts, 2 7/8" nipple, PBGA, 1- jt, SN, 2-jts, TA, 168 jts of 2 7/8" J-55 tbg. ND BOP, Set TA w/ 15,000#'s of tension @ 5280'. Land tbg on flange. NU WH. Prime up rod pump. PU & RIH w/ follow: CDI: 2 1/2" X 1 1/2" X 18' RHAC, 6- 1 1/2" wtr bars, 20- 3/4" guided rods, 93- 3/4" plain rods, 94- 3/4" guided rods, 1-2' X 3/4" sub, 1 1/2" X 26' Polish rod. Space out rods. 2280 BWTR. Left well down due to surface equipment, Final report will follow.

5/15/2008 Day: 6 **Completion**

Rigless on 5/14/2008 - Complete flow line ty in. Adjust tag. PWOP @ 1:00 pm w/ 74" SL & 5 SPM. Final report.

Pertinent Files: Go to File List

FORM 3160-4
(July 1992)

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: State

8. FARM OR LEASE NAME, WELL NO.: State 5-16-9-16

1a. TYPE OF WORK
OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

2. NAME OF OPERATOR: Newfield Exploration Company

9. WELL NO.: 43-013-33849

3. ADDRESS AND TELEPHONE NO.: 1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 2043' FNL & 758' FWL (SW/NW) Sec. 16, T9S, R16E
At top prod. Interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 16, T9S, R16E

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-33849	01/24/08	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
04/07/08	04/14/08	05/14/08	5922' GL	5934' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5825'	5799'		------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4170'-5706'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5821'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5508'	TA @ 5280'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP3) 5698'-5706'	.49"	4/32
(LODC) 5334'-5342'	.49"	4/32
(A.5) 5080'-5091'	.49"	4/44
(B2) 4968'-4974'	.49"	4/24
(D2) 4778'-4785'	.49"	4/28
(GB4) 4170'-4182'	.49"	4/48

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5698'-5706'	Frac w/ 34,586# 20/40 sand in 434 bbls fluid
5334'-5342'	Frac w/ 24,721# 20/40 sand in 348 bbls fluid
5080'-5091'	Frac w/ 84,098# 20/40 sand in 666 bbls fluid
4968'-4974'	Frac w/ 24,764# 20/40 sand in 354 bbls fluid
4778'-4785'	Frac w/ 24,664# 20/40 sand in 341 bbls fluid
4170'-4182'	Frac w/ 59,402# 20/40 sand in 511 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
05/14/08	2-1/2" x 1-1/2" x 16' x 18' RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
06-21-08			----->	47	74	18	1574

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED
JUL 07 2008
DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park TITLE Production Tech DATE 7/1/2008

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **State 5-16-9-16**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	**3674'**	
Garden Gulch 1	**3890'**	
Garden Gulch 2	**3998'**	
Point 3 Mkr	**4248'**	
X Mkr	**4515'**	
Y-Mkr	**4549'**	
Douglas Creek Mkr	**4663'**	
BiCarbonate Mkr	**4897'**	
B Limestone Mkr	**5004'**	
Castle Peak	**5552'**	
Basal Carbonate	**NP**	
Total Depth (LOGGERS	**5835'**	

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

OIL WELL [ ] GAS WELL [X] OTHER [ ]

2. NAME OF OPERATOR: **NEWFIELD PRODUCTION COMPANY**

3. ADDRESS AND TELEPHONE NUMBER: **Rt. 3 Box 3630, Myton Utah 84052 435-646-3721**

4. LOCATION OF WELL

Footages: **2043 FNL 758 FWL**

QQ, SEC, T, R, M: **SW/NW Section 16, T9S R16E**

5. LEASE DESIGNATION AND SERIAL NO.: **ML-16532**

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME: **N/A**

7. UNIT AGREEMENT NAME: **NA**

8. WELL NAME and NUMBER: **STATE 5-16-9-16**

9 API NUMBER: **43-013-33849**

10 FIELD AND POOL, OR WILDCAT: **MONUMENT BUTTE**

COUNTY **DUCHESNE**

STATE **UTAH**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT: (Submit in Duplicate)		*SUBSEQUENT REPORT OF:* (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[X] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] *FRACTURE TREAT OR ACIDIZE*	[ ] *VENT OR FLARE*	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[ ] OTHER		DATE WORK COMPLETED	
		Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		*Must be accompanies by a cement verification report.	

12. *DESCRIBE PROPOSED OR COMPLETED OPERATIONS.* (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

As per a conversation with Helen Sadik MacDonald approval was given to go ahead and set the planned 290' of surface casing that is normally set on wells drilled within the Monument Butte field by Newfield Production. Subsequently 324' of surface casing was set on the above mentioned well.

13. NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 7/21/2008

(This space for State use only)

4/94 * See Instructions On Reverse Side

RECEIVED
JUL 25 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: STATE 5-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338490000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2043 FNL 0758 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 11/29/2012	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 11/28/2012. On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 12, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 12/6/2012

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 11 / 29 / 12 **Time** 1:00 am (pm)

Test Conducted by: Riley Bagley

Others Present: _____

Well: State 5-16-9-16 **Field:** Monument Butte

Well Location: State 5-16-9-16 **API No:** 4301333849

Time	Casing Pressure	
0 min	1270	psig
5	1270	psig
10	1270	psig
15	1270	psig
20	1270	psig
25	1270	psig
30 min	1270	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

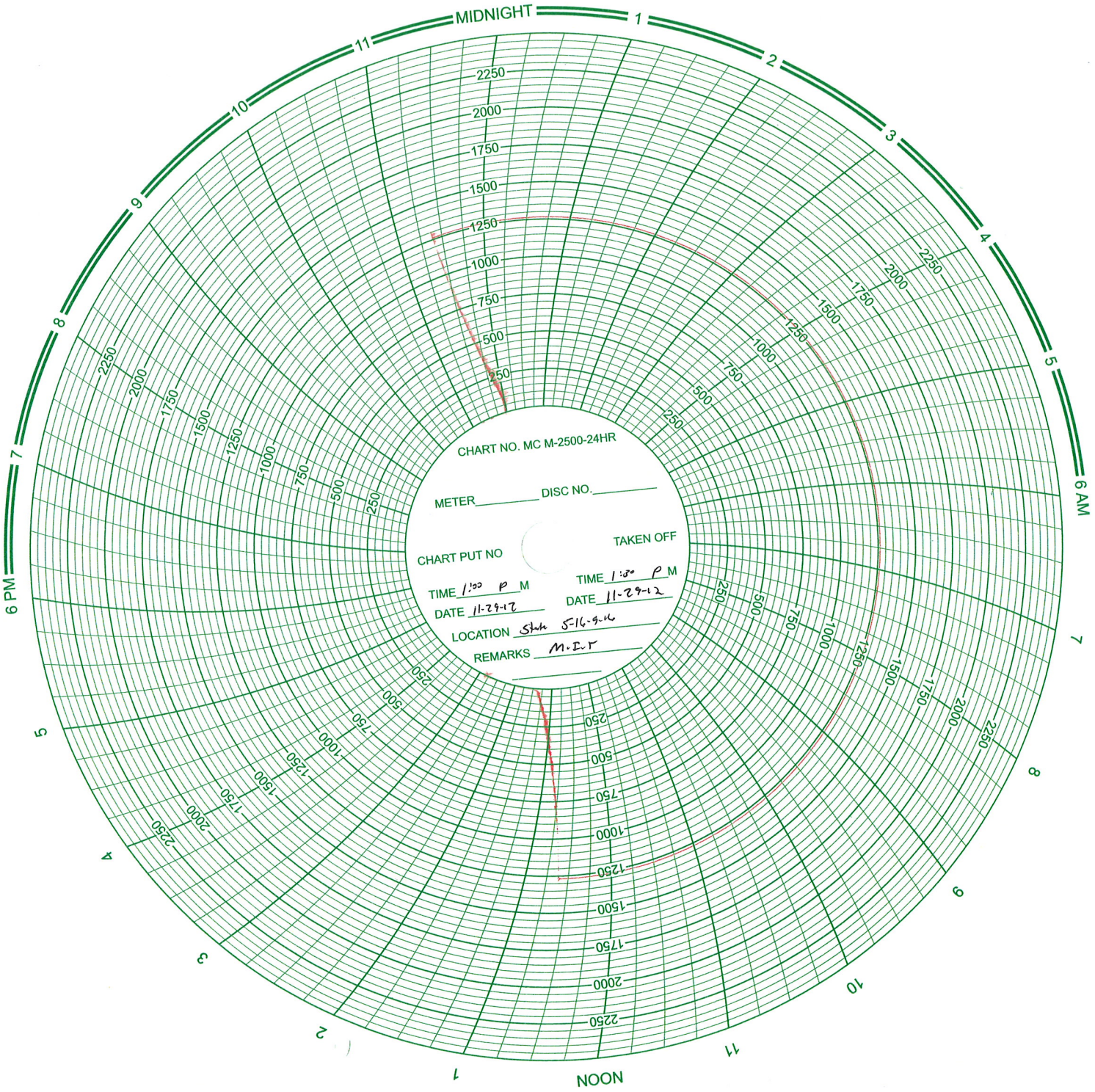
Tubing pressure: 250 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

Sundry Number: 32914 API Well Number: 43013338490000



Daily Activity Report

Format For Sundry
STATE 5-16-9-16
9/1/2012 To 1/30/2013

11/19/2012 Day: 1 **Conversion**

Nabors #1450 on 11/19/2012 - MIRUSU, pull rods - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN
Finalized
Daily Cost: $0
Cumulative Cost: $13,709

11/20/2012 Day: 3 **Conversion**

Nabors #1450 on 11/20/2012 - POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints - Travel time, start rig, morning meeting. Other, bleed well, CSG 250 PSI TBG PSI, rig maintainance, derrick inspection. POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints. Make up BHA, 2 3/8" XN, 2 3/8" x 4' sub, 2 3/8" x 2 7/8" XO, 5 1/2" x 2 7/8" PKR, on/off tool, 2 7/8" S/N, 131 joints. pump 10 bbl pad, drop valve, fill TBG w/ 25 bbl, pumped TBG upto 3000 PSI, RU sandline,TBG droped to 2600 PSI in 15 min, bumped back up to 3000 PSI, droped to 2600 PSI in 15 min, bumped back upto 3000 PSI, droped to 2800 PSI in 15 min, pulled test tee, redoped and retightened tee, pump TBG upto 3000 PSI, held for 30 min, good test. fish valve, RD sandline. SWI, clean

up for the night. - Travel time, start rig, morning meeting. Other, bleed well, CSG 250 PSI TBG PSI, rig maintainance, derrick inspection. POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints. Make up BHA, 2 3/8" XN, 2 3/8" x 4' sub, 2 3/8" x 2 7/8" XO, 5 1/2" x 2 7/8" PKR, on/off tool, 2 7/8" S/N, 131 joints. pump 10 bbl pad, drop valve, fill TBG w/ 25 bbl, pumped TBG upto 3000 PSI, RU sandline,TBG droped to 2600 PSI in 15 min, bumped back up to 3000 PSI, droped to 2600 PSI in 15 min, bumped back upto 3000 PSI, droped to 2800 PSI in 15 min, pulled test tee, redoped and retightened tee, pump TBG upto 3000 PSI, held for 30 min, good test. fish valve, RD sandline. SWI, clean up for the night. - Travel time, start rig, morning meeting. Other, bleed well, CSG 250 PSI TBG PSI, rig maintainance, derrick inspection. POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints. Make up BHA, 2 3/8" XN, 2 3/8" x 4' sub, 2 3/8" x 2 7/8" XO, 5 1/2" x 2 7/8" PKR, on/off tool, 2 7/8" S/N, 131 joints. pump 10 bbl pad, drop valve, fill TBG w/ 25 bbl, pumped TBG upto 3000 PSI, RU sandline,TBG droped to 2600 PSI in 15 min, bumped back up to 3000 PSI, droped to 2600 PSI in 15 min, bumped back upto 3000 PSI, droped to 2800 PSI in 15 min, pulled test tee, redoped and retightened tee, pump TBG upto 3000 PSI, held for 30 min, good test. fish valve, RD sandline. SWI, clean up for the night.
Daily Cost: $0
Cumulative Cost: $27,910

11/21/2012 Day: 4 **Conversion**

Nabors #1450 on 11/21/2012 - Nu wellhead, pressure test - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - move different rig on to fish out tools - move different rig on to fish out tools - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - move different rig on to fish out tools - move different rig on to fish out tools - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - move different rig on to fish out tools - move different rig on to fish out tools **Finalized**
Daily Cost: $0
Cumulative Cost: $38,945

11/27/2012 Day: 6 **Conversion**

Nabors #1450 on 11/27/2012 - MIRU, TOOH W/131 JTS S&N on/off TOOL 70 - Crew Traval & safety Meeting . RD Rig road rig from 3-23-9-16 to 5-16-9-16, MIRU, SICP 1350 Bleed off casing bleed off tubing for 1 1/2 hours, tbg release off packer NU BOP RU tbg EQ TOOH W/131 jts SN& on/off TOOL W/ 70 jts Completely solid with oil did not find gyro tools TIH W/tbg string W/ bit & scraper on bottom flushing pluged jts did not find gyro - Crew Traval & safety Meeting . RD Rig road rig from 3-23-9-16 to 5-16-9-16, MIRU, SICP 1350 Bleed off casing bleed off tubing for 1 1/2 hours, tbg release off packer NU BOP RU tbg EQ TOOH W/131 jts SN& on/off TOOL W/ 70 jts Completely solid with oil did not find gyro tools TIH W/tbg string W/ bit & scraper on bottom flushing pluged jts did not find gyro - Crew Traval & safety Meeting . RD Rig road rig from 3-23-9-16 to 5-16-9-16, MIRU, SICP 1350 Bleed off casing bleed off tubing for 1 1/2 hours, tbg release off packer NU BOP RU tbg EQ TOOH W/131 jts SN& on/off TOOL W/ 70 jts Completely solid with oil did not find gyro tools TIH W/tbg string W/ bit & scraper on bottom flushing pluged jts did not find gyro

Daily Cost: $0
Cumulative Cost: $49,676

11/29/2012 Day: 7 **Conversion**

Nabors #1450 on 11/29/2012 - Pressure test TBG & CSG, Tested good - Crew training and safety meeting, TIH W/ 2 3/8 re-entry / Giude ,2 3/8 Xn nipple 2 3/8 TBG sub 2 3/8 x2 7/8 x over, 5 1/2 as-z1 packer ,on/off TOOL, 2 7/8 SN 60 JTS flush TBG W/ 30 BW TIH W/ 71 more JTS 2 7/8 J-55 TBG pump 30 BW Drop SV psi test tbg to 3000 psi W/40 more bbls hold for 45 minutes good test BET SV W/ sand line , RU VES & gyro well RD work floor ND BOP Set PKR @ 4,128' for 16000 tension SV @ 41723' Xn @ 4136 EOT @ 4138' land tbg W/injection tree mix 15 gal pkr fliud W/ 60 bbls fresh H20 psi CSG to 1500psi W/ 50 bbls lost 100 psi & held good @ 1400 psi 30 min took 1 1/2 hr to get good test Rd and ready to road. - Crew training and safety meeting, TIH W/ 2 3/8 re-entry / Giude ,2 3/8 Xn nipple 2 3/8 TBG sub 2 3/8 x2 7/8 x over, 5 1/2 as-z1 packer ,on/off TOOL, 2 7/8 SN 60 JTS flush TBG W/ 30 BW TIH W/ 71 more JTS 2 7/8 J-55 TBG pump 30 BW Drop SV psi test tbg to 3000 psi W/40 more bbls hold for 45 minutes good test BET SV W/ sand line , RU VES & gyro well RD work floor ND BOP Set PKR @ 4,128' for 16000 tension SV @ 41723' Xn @ 4136 EOT @ 4138' land tbg W/injection tree mix 15 gal pkr fliud W/ 60 bbls fresh H20 psi CSG to 1500psi W/ 50 bbls lost 100 psi & held good @ 1400 psi 30 min took 1 1/2 hr to get good test Rd and ready to road. - Crew training and safety meeting, TIH W/ 2 3/8 re-entry / Giude ,2 3/8 Xn nipple 2 3/8 TBG sub 2 3/8 x2 7/8 x over, 5 1/2 as-z1 packer ,on/off TOOL, 2 7/8 SN 60 JTS flush TBG W/ 30 BW TIH W/ 71 more JTS 2 7/8 J-55 TBG pump 30 BW Drop SV psi test tbg to 3000 psi W/40 more bbls hold for 45 minutes good test BET SV W/ sand line , RU VES & gyro well RD work floor ND BOP Set PKR @ 4,128' for 16000 tension SV @ 41723' Xn @ 4136 EOT @ 4138' land tbg W/injection tree mix 15 gal pkr fliud W/ 60 bbls fresh H20 psi CSG to 1500psi W/ 50 bbls lost 100 psi & held good @ 1400 psi 30 min took 1 1/2 hr to get good test Rd and ready to road. **Finalized**
Daily Cost: $0
Cumulative Cost: $56,304

12/3/2012 Day: 8 **Conversion**

Rigless on 12/3/2012 - Conduct initial MIT - On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. **Finalized**
Daily Cost: $0
Cumulative Cost: $138,638

Pertinent Files: Go to File List

FORM 3

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL

OIL [X] GAS [ ] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NO.: State #5-16-9-16

3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (FOOTAGE)

At Surface: SW/NW 2043' FNL 758' FWL

At proposed Producing Zone: 574194X 40.032516
4431518Y -110.130428

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW Sec. 16, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 22.1 miles southwest of Myton, UT

12. County: Duchesne

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
Approx. 758' f/lse line and NA' f/unit line	640.00	40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
Approximately 1412'	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5922' GL

22. APPROX. DATE WORK WILL START*: 1st Quarter 2008

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	~~290'~~ 400'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/I 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24.

Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 11/19/2007

(This space for State use only)

API Number Assigned: 43-013-33849 APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining

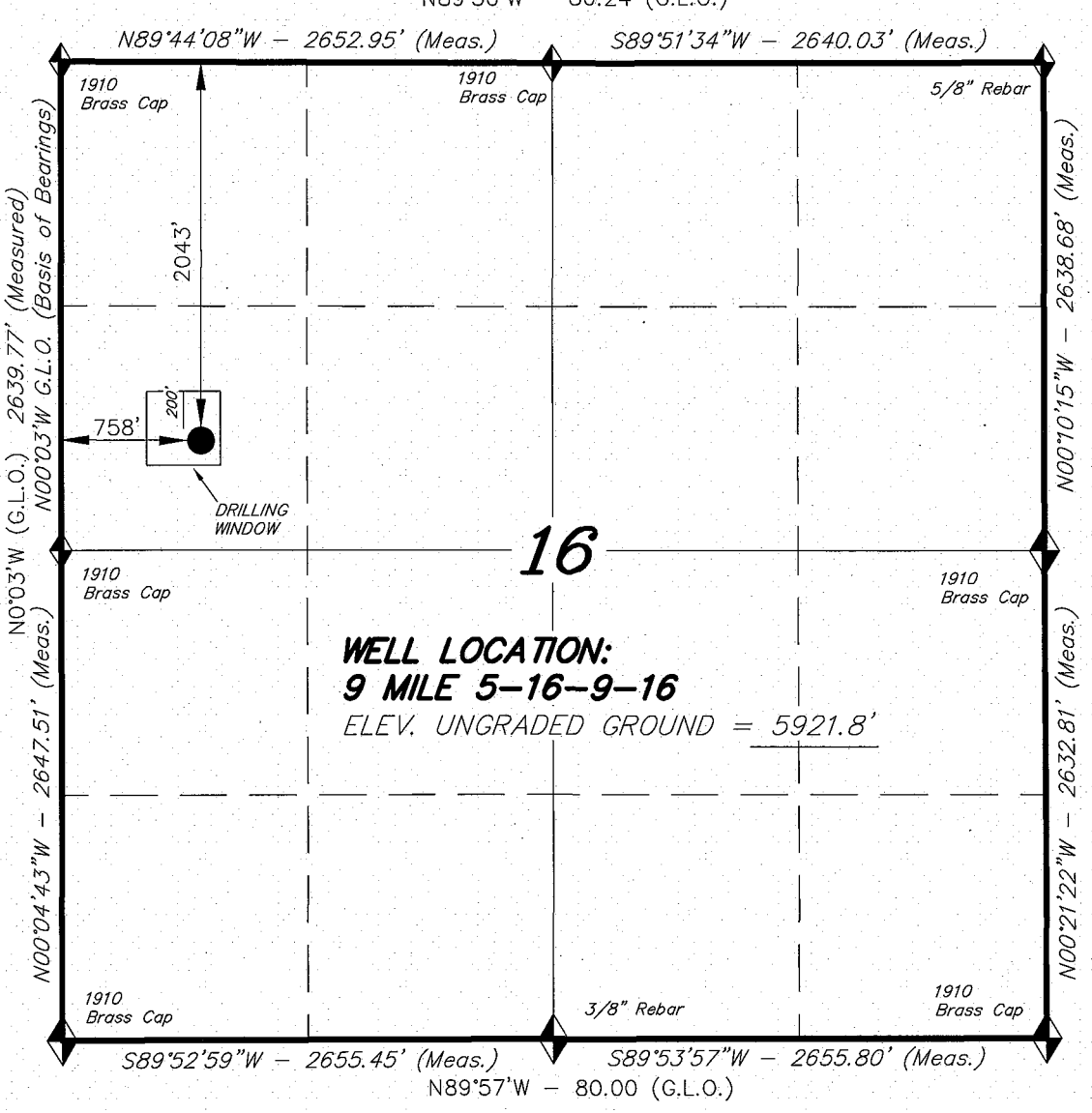
Date: 01-24-08

By:

*See Instructions On Reverse Side

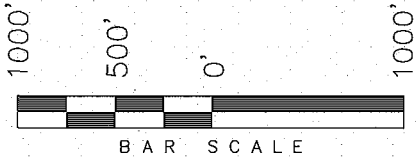
RECEIVED
NOV 29 2007
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

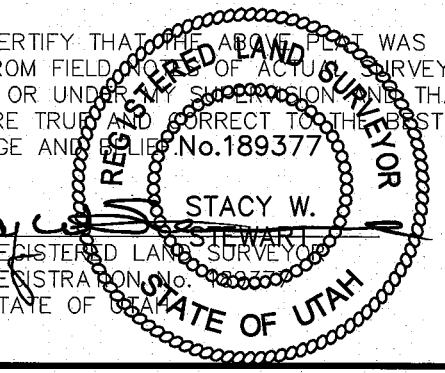


NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-16-9-16, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-16-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 57.02"
LONGITUDE = 110° 07' 51.79"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-10-07	SURVEYED BY: C.M.
DATE DRAWN: 10-31-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
STATE #5-16-9-16
SW/NW SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at ~~290'~~ 400' (New)
Production Casing:5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

A fresh water/polymer system will be utilized to drill the well. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location is to be "Air Drilled", Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

Newfield Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM	MUD TYPE
Surface – 3200'	fresh water system
3200' – TD'	fresh water system

From surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ ~~290'~~ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2008, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
STATE #5-16-9-16
SW/NW SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State #5-16-9-16 located in the SW¼ NW¼ Section 16, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.4 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with an existing road to the southwest; proceed southwesterly approximately 9.7 miles to its junction with an existing road to the southeast; proceed southeasterly approximately 0.3 miles to its junction with an existing road to the northeast; proceed northeasterly approximately 5.1 miles to its junction with and existing road to the southwest; proceed southwesterly approximately 1.8 miles to its junction with an existing road to the northwest; proceed in a northwesterly direction approximately 1.4 miles to its junction with the beginning of the proposed access road to the south; proceed southwesterly along the proposed access road approximately 2,640'; turn and proceed in a southwesterly direction along the proposed access road approximately 930' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 3,570' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B.**

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A.**

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached. **Refer to Exhibit "D".**

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the State 5-16-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the State 5-16-9-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #5-16-9-16, SW/NW Section 16, T9S, R16E, LEASE #ML-16532, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

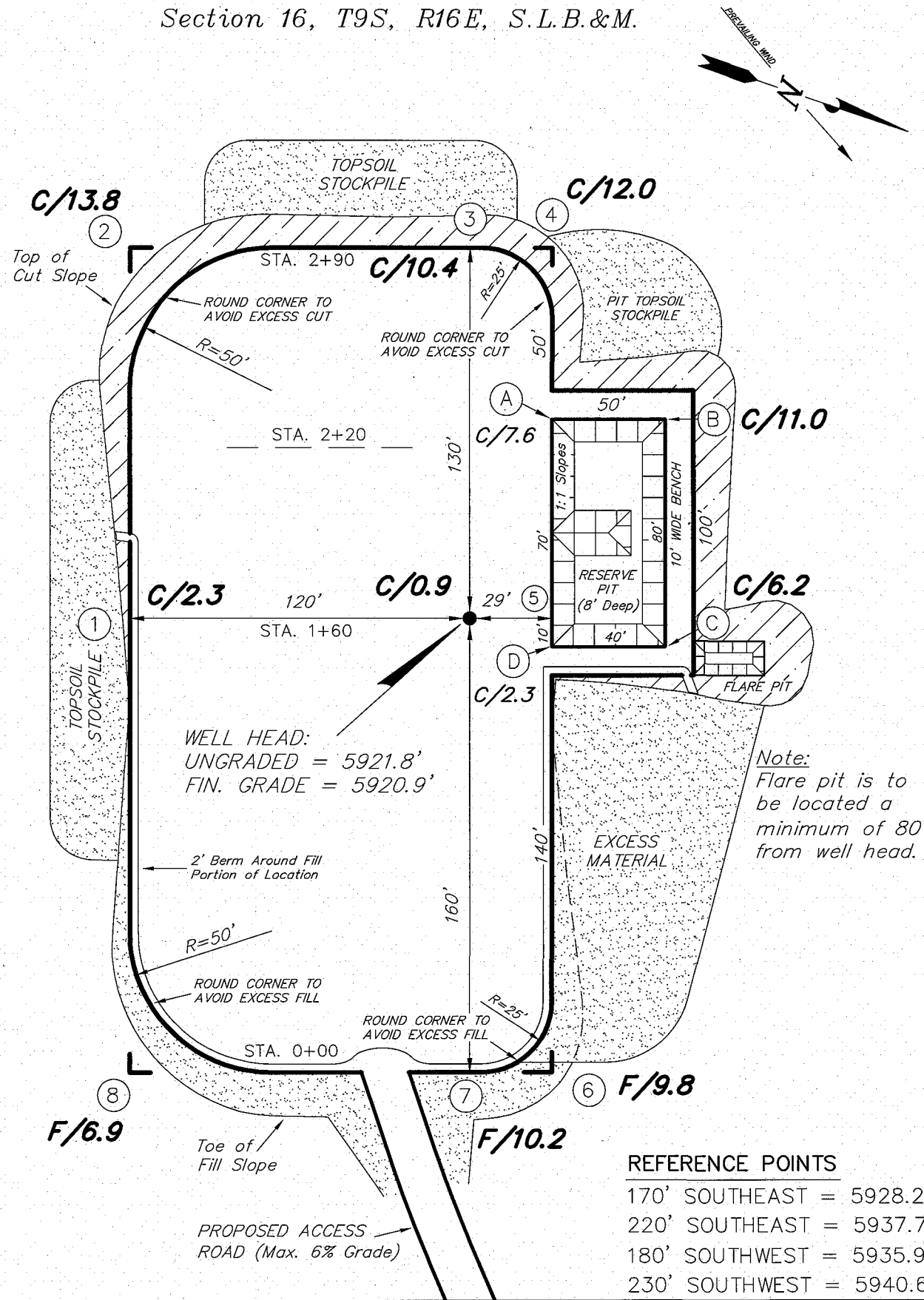
11/19/07
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-16-9-16

Section 16, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' SOUTHEAST = 5928.2'
220' SOUTHEAST = 5937.7'
180' SOUTHWEST = 5935.9'
230' SOUTHWEST = 5940.6'

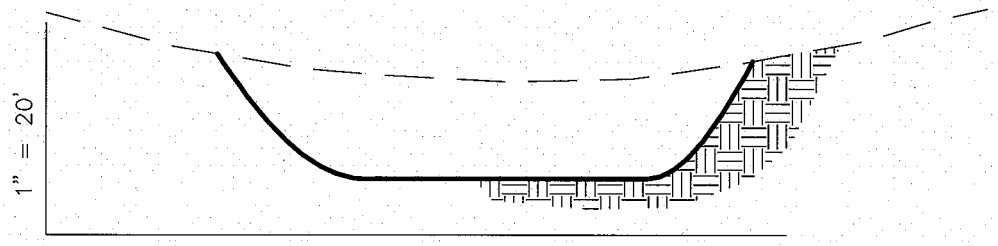
SURVEYED BY:	C.M.	DATE SURVEYED:	10-10-07
DRAWN BY:	F.T.M.	DATE DRAWN:	10-31-07
SCALE:	1" = 50'	REVISED:	

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

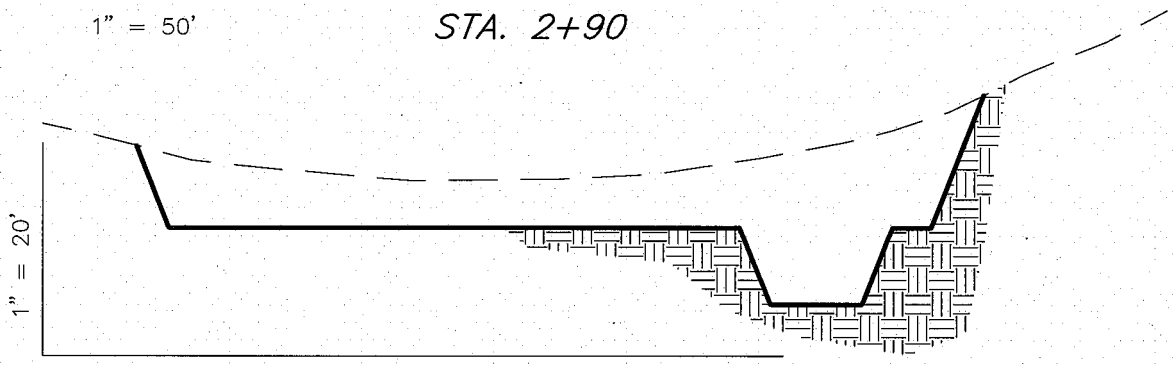
CROSS SECTIONS

9 MILE 5-16-9-16



1" = 50'

STA. 2+90



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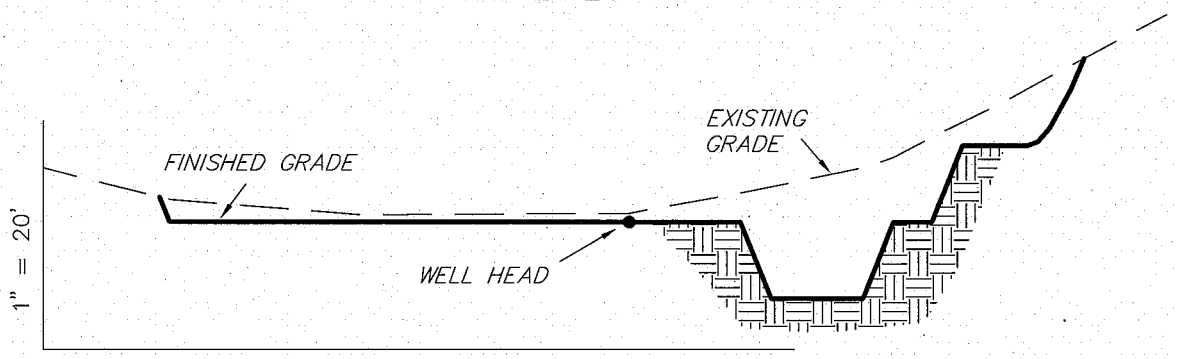
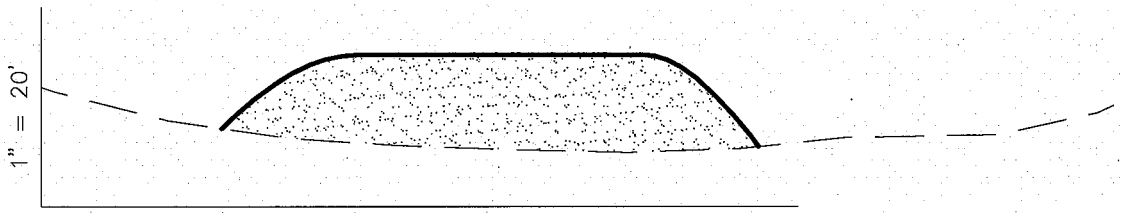
STA. 2+20



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,110	4,520	Topsoil is not included in Pad Cut	1,590
PIT	640	0		640
TOTALS	6,750	4,520	1,050	2,230

SURVEYED BY: C.M.	DATE SURVEYED:	10-10-07	
DRAWN BY: F.T.M.	DATE DRAWN:	10-31-07	
SCALE: 1" = 50'	REVISED:		

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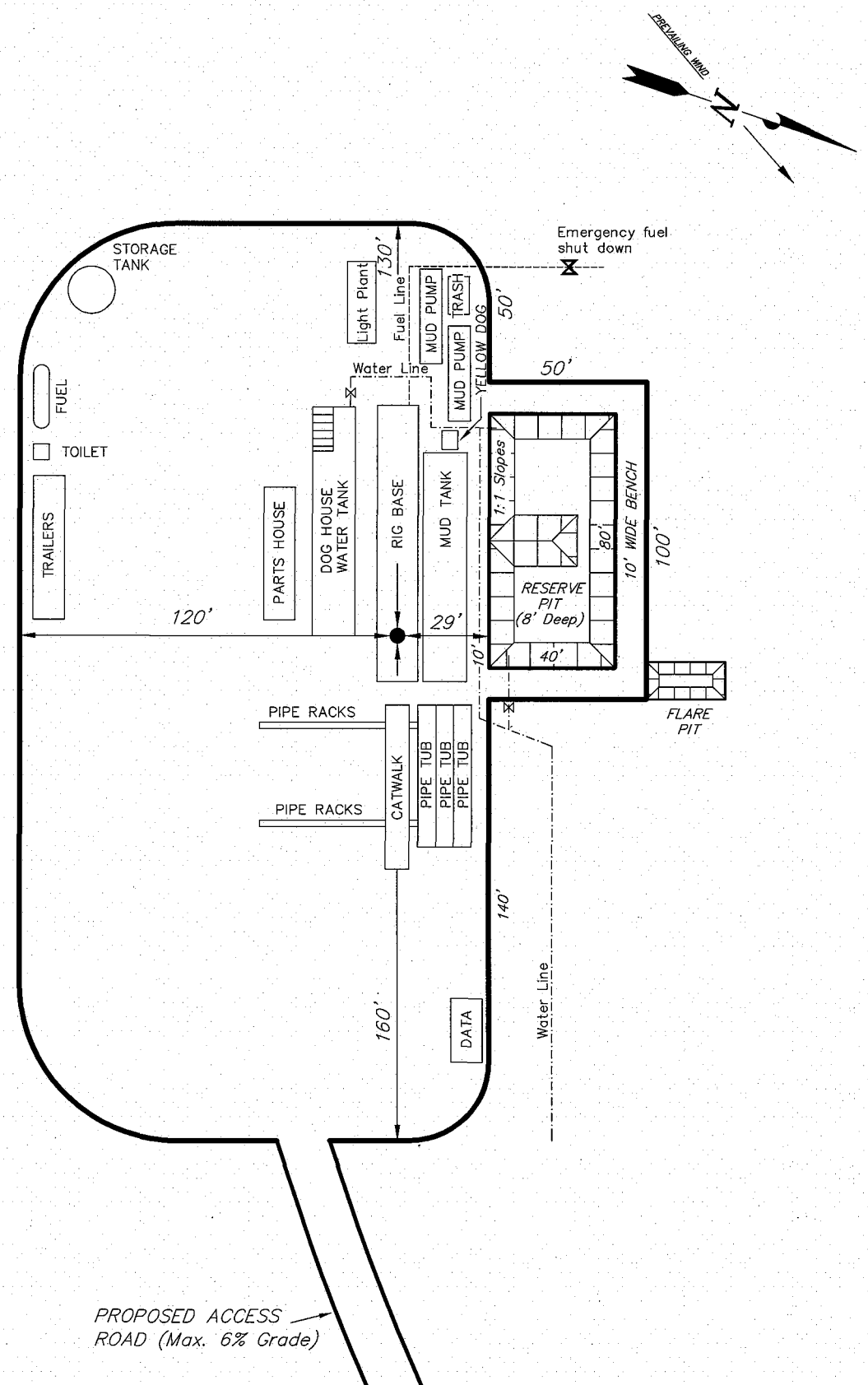
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-16-9-16



SURVEYED BY: C.M.	DATE SURVEYED:	10-10-07	
DRAWN BY: F.T.M.	DATE DRAWN:	10-31-07	
SCALE: 1" = 50'	REVISED:		

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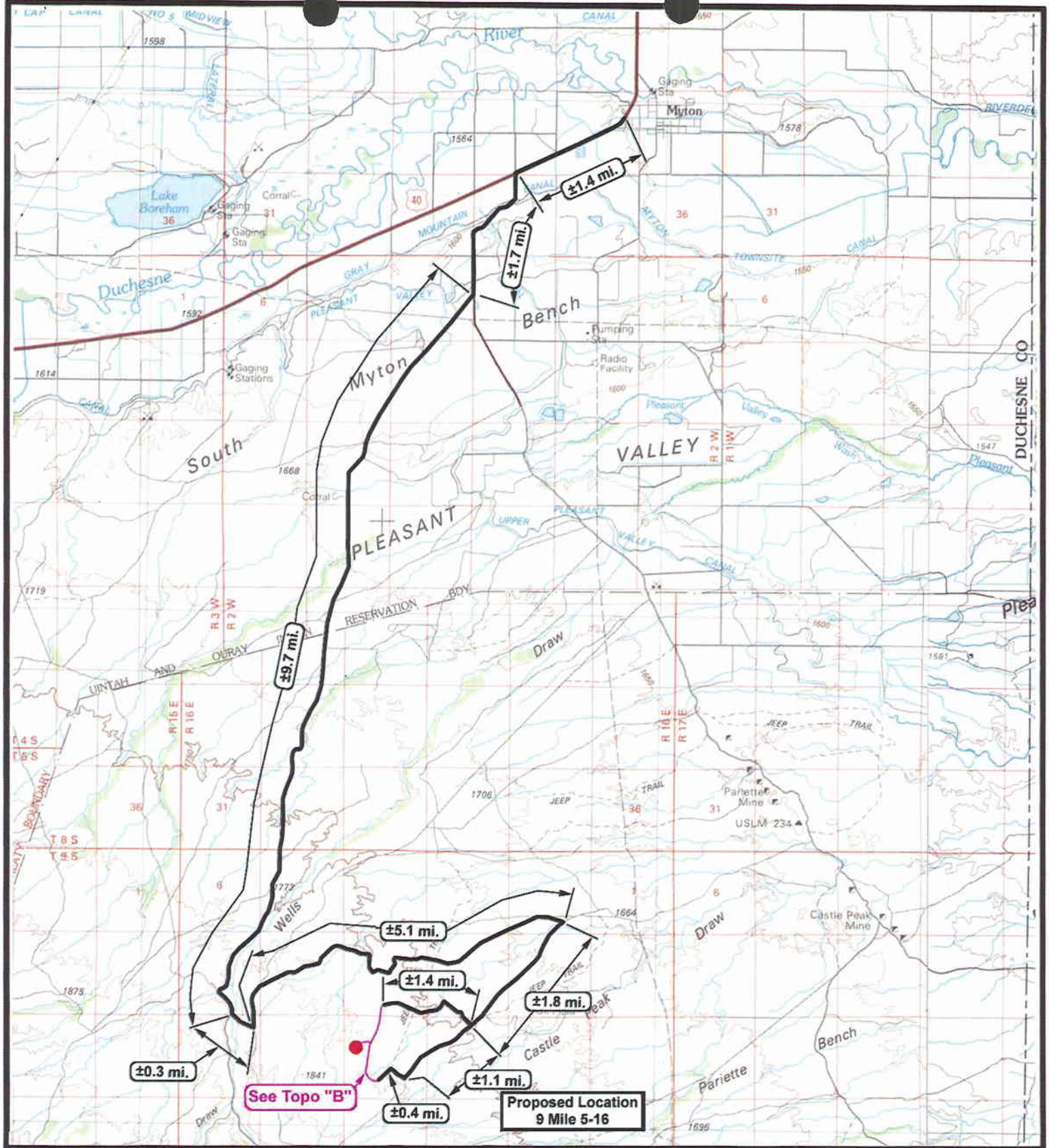


NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

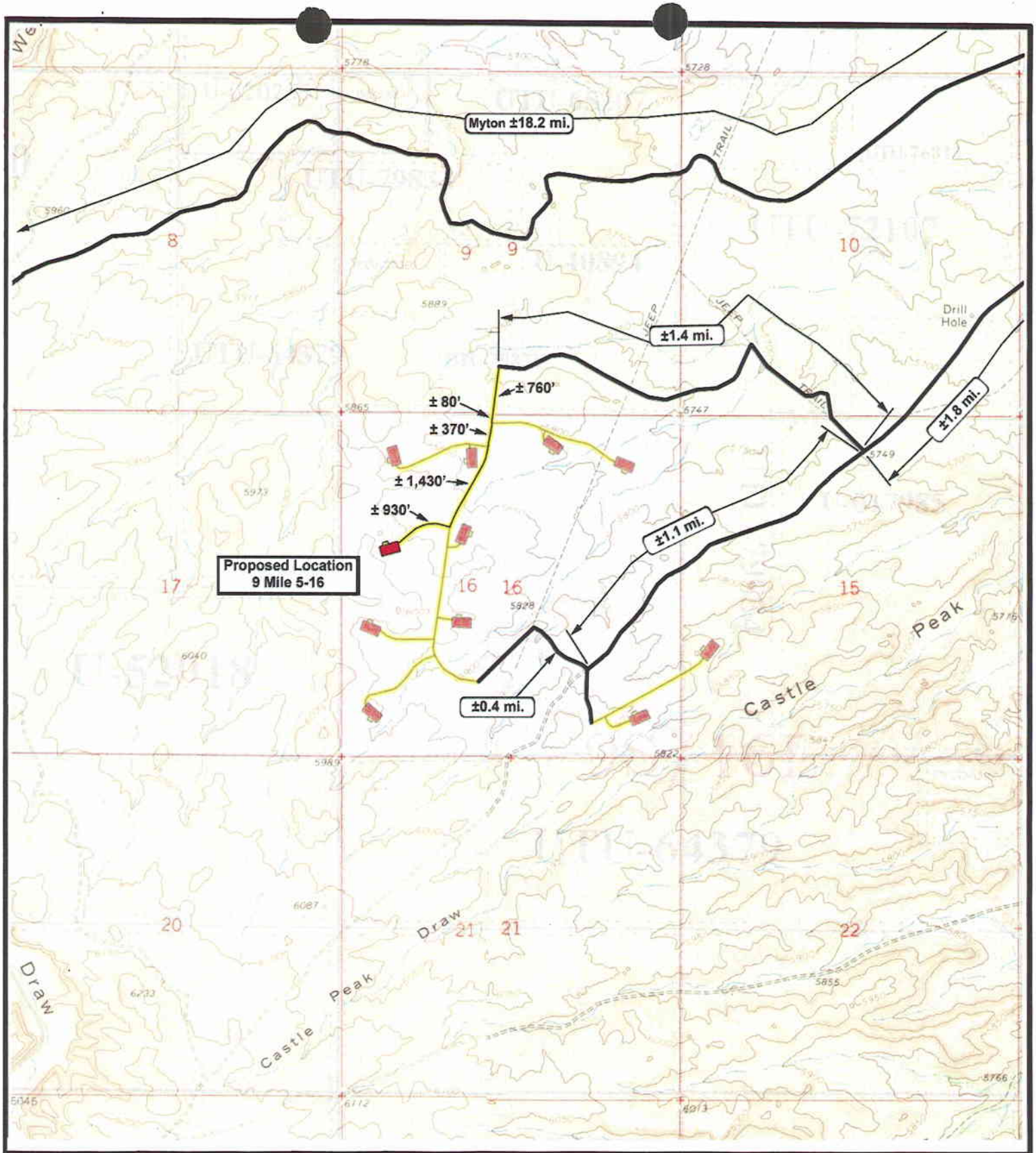
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 11-02-2007

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

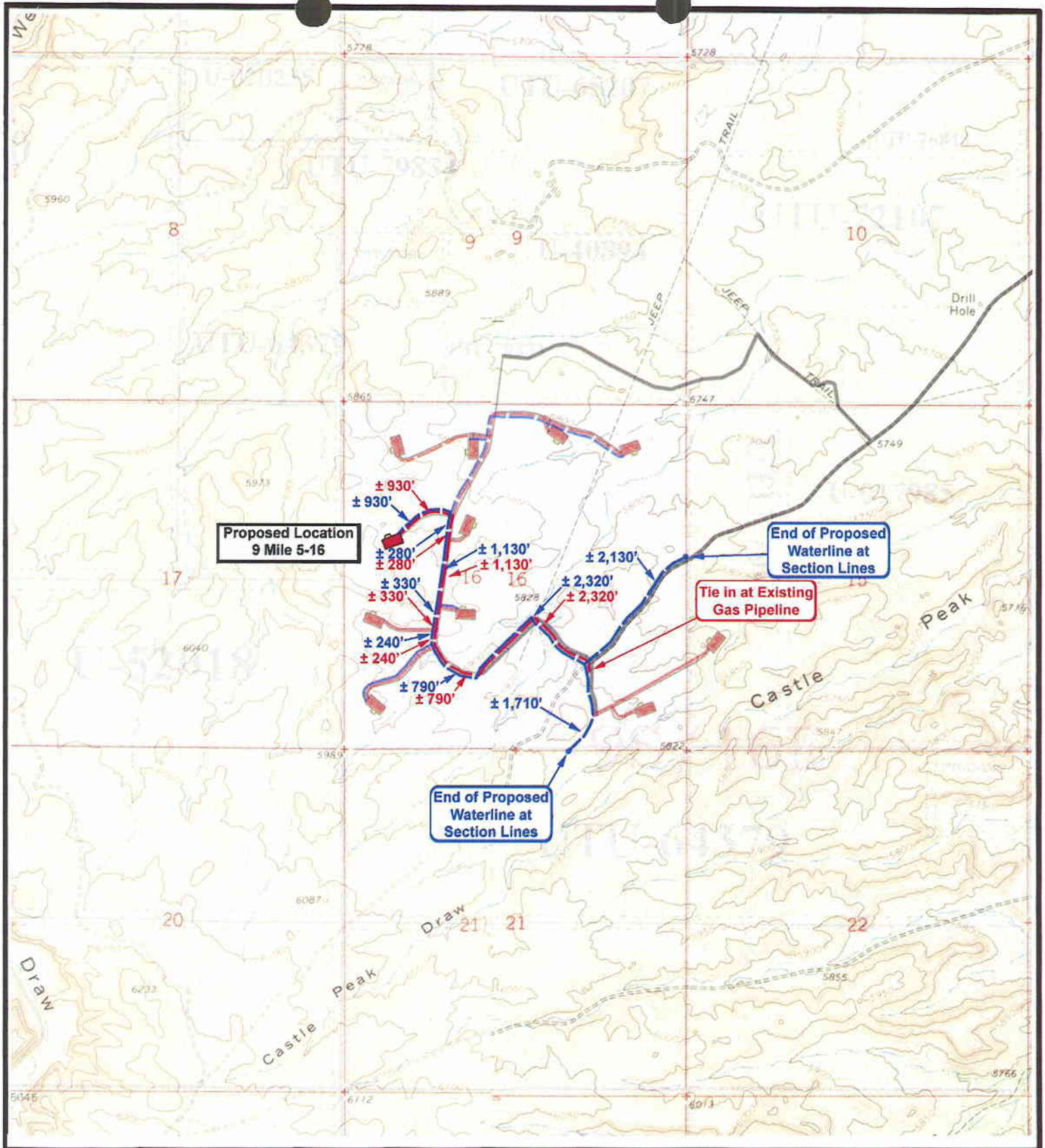
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

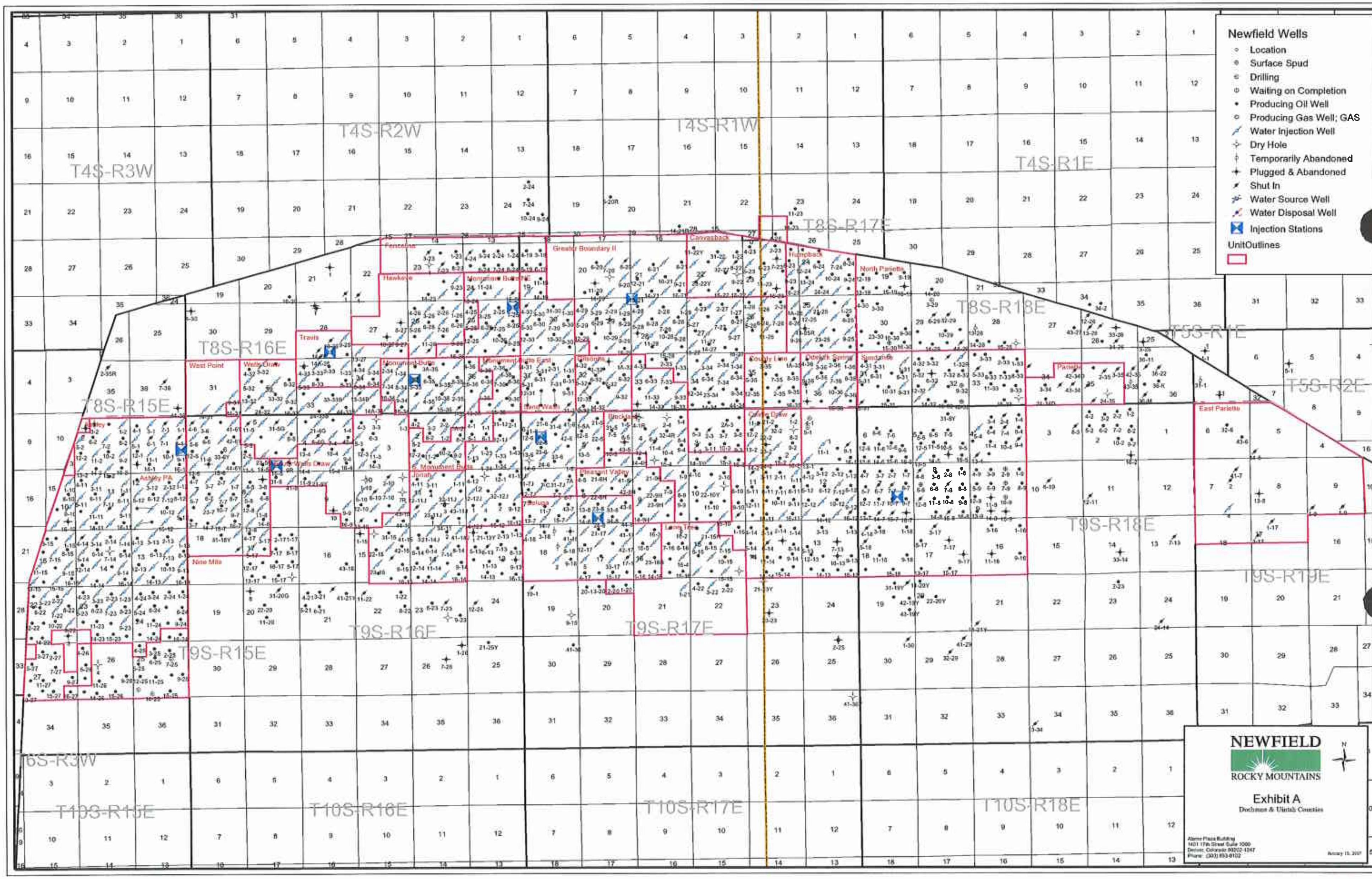
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

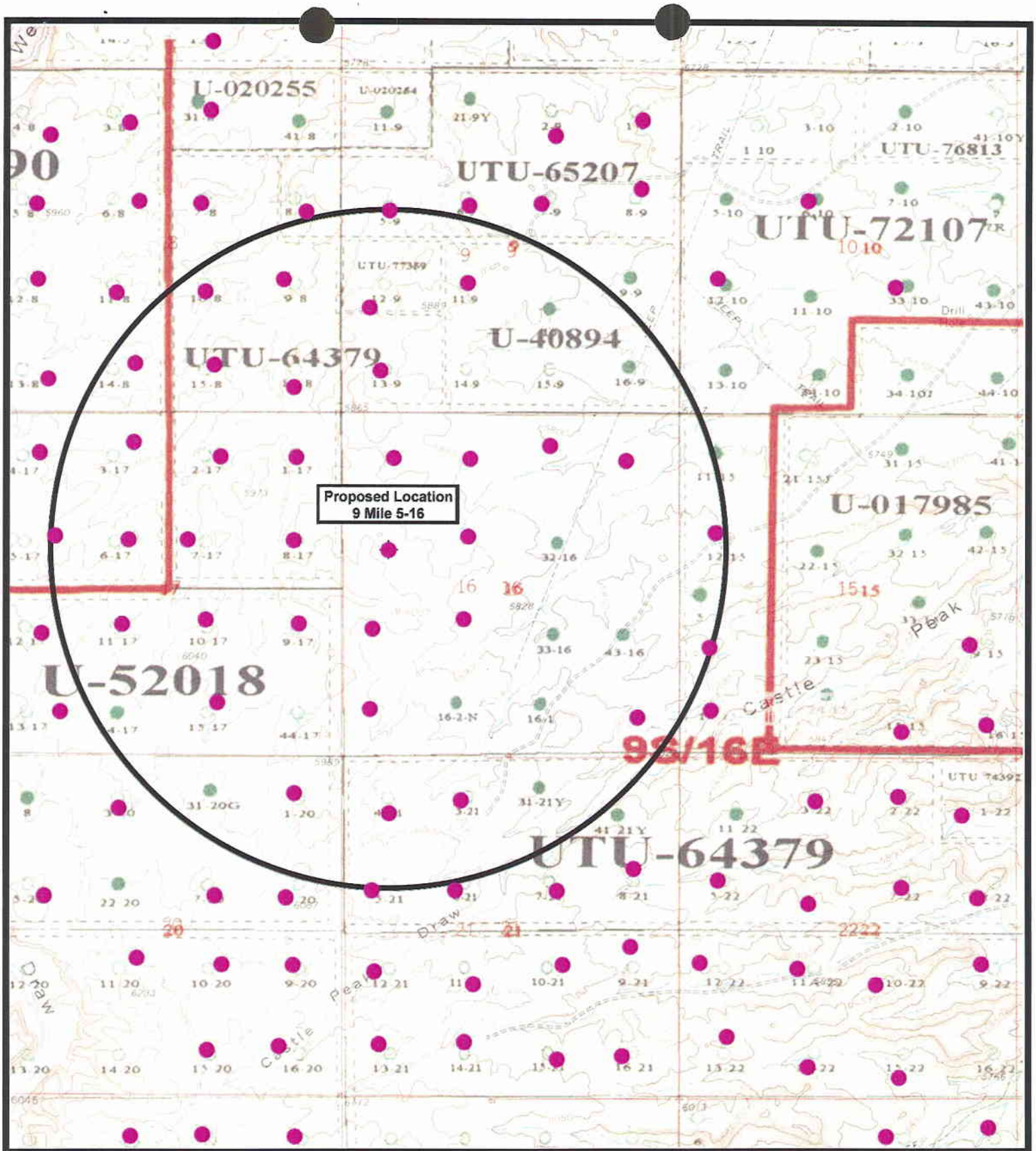
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well; GAS
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T8S-R17E
T8S-R18E
T8S-R16E
T8S-R15E
T5S-R2E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T9S-R19E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

9 Mile 5-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

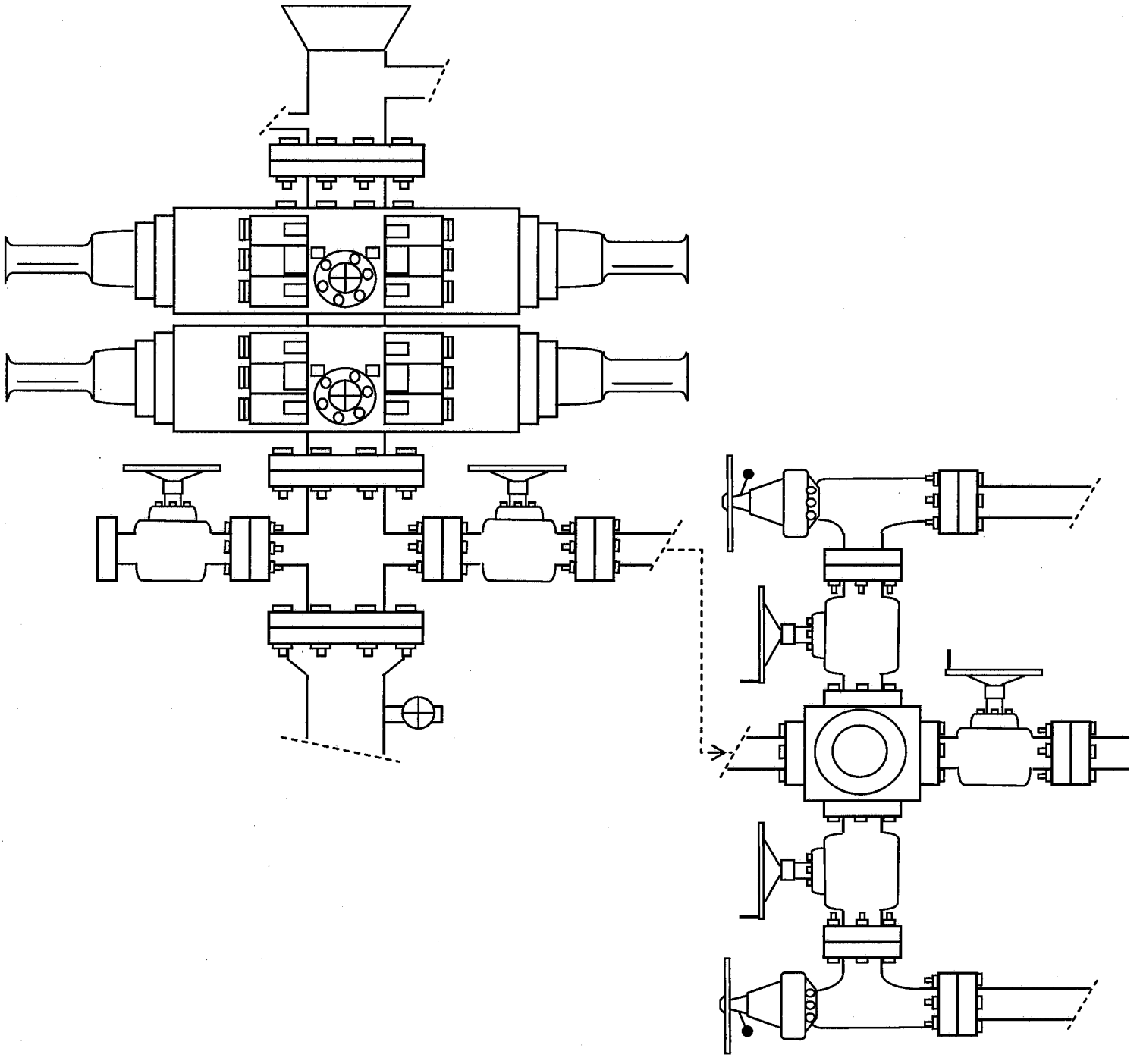


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S TEN 40 ACRE PARCELS IN TOWNSHIP 9S, RANGE 16E, SECTION 16 DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

State of Utah
School & Institutional Trust Lands Administration
Salt Lake City

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-348

October 31, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Public Lands Policy
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1297s

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/29/2007

API NO. ASSIGNED: 43-013-33849

WELL NAME: STATE 5-16-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWNW 16 090S 160E

SURFACE: 2043 FNL 0758 FWL

BOTTOM: 2043 FNL 0758 FWL

COUNTY: DUCHESNE

LATITUDE: 40.03252 LONGITUDE: -110.1304

UTM SURF EASTINGS: 574194 NORTHINGS: 4431518

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/24/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-16532

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

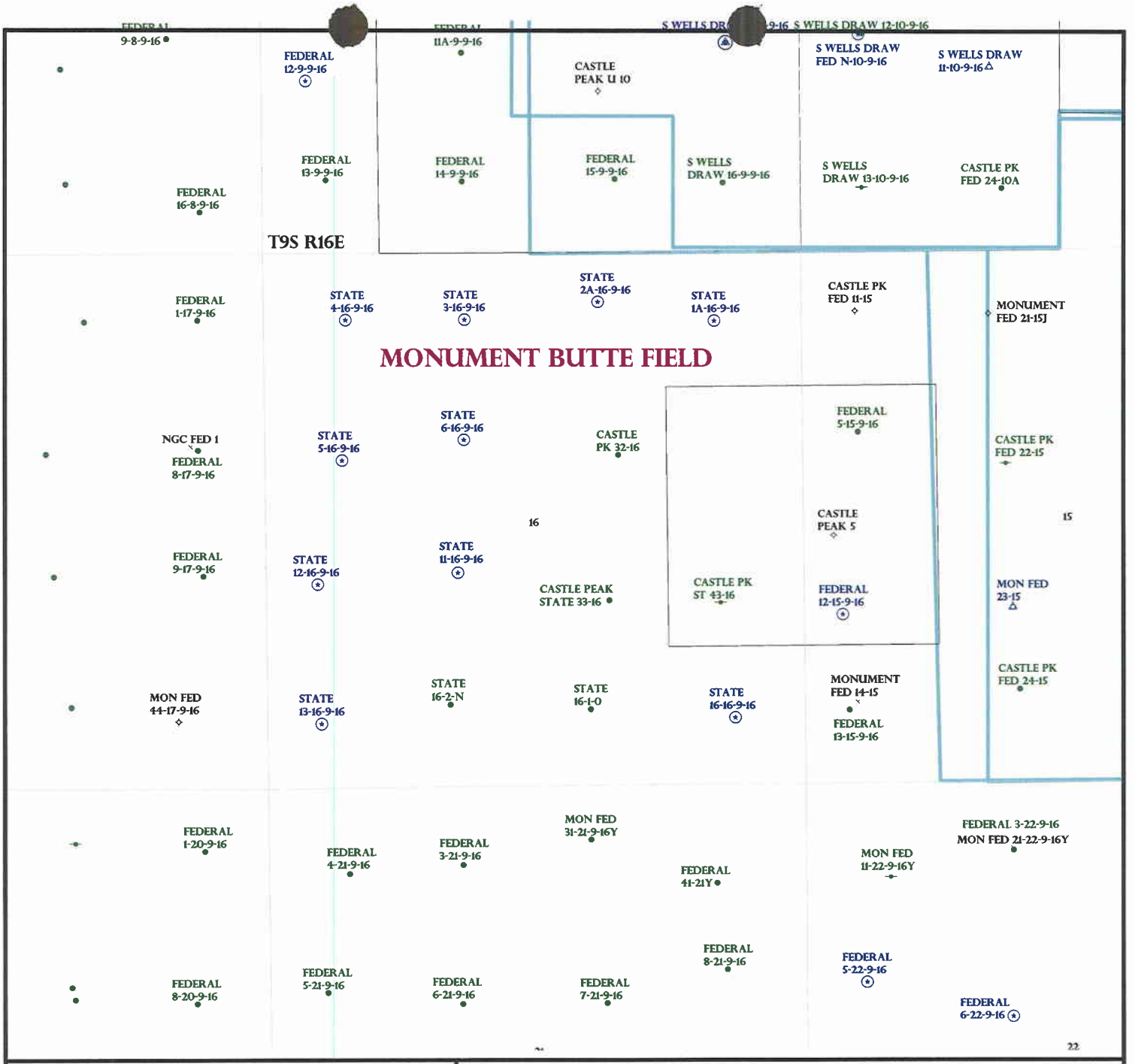
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___

___ R649-3-11. Directional Drill

COMMENTS: Needs Onsite (12-13-07)

STIPULATIONS: 1- Spacing Strip
2- STATEMENT OF BASIS
3- Surface Csg Cmt Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 16 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 05-DECEMBER-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
630	43-013-33849-00-00		OW	S	No

Operator NEWFIELD PRODUCTION COMPANY **Surface Owner-APD**
Well Name STATE 5-16-9-16 **Unit**
Field MONUMENT BUTTE **Type of Work**
Location SWNW 16 9S 16E S 2043 FNL 758 FWL GPS Coord (UTM) 574194E 4431518N

Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,900'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought high enough to cover the estimated base of the moderately saline ground water.

Brad Hill — 12/19/2007
APD Evaluator — **Date / Time**

Surface Statement of Basis

The general area is approximately 22 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 22.1 miles. Construction of 930 feet of new road will be required.

The proposed State #5-16-9-16 oil well location is in a small bowl that drains gently to the northeast. The bowl is surrounded on 3 sides by low hills with bedrock outcrops. The reserve pit will be cut into the hill on the west. Most of the location is in gentle terrain. Slight overland flow may occasionally occur from the south but most will be intercepted by the location topsoil stockpile. No diversions are recommended. The selected site poses no apparent surface concerns and appears to be a good location for constructing a pad, drilling and operating a well. The area was covered with about 10 inches of snow during the evaluation. Both the surface and minerals are owned by SITLA.

Daniel Emmett representing the Utah Division of Wildlife Resources stated the area is classified as substantial value sage grouse brooding habitat and crucial yearlong antelope habitat. He ask Mr. Allred of Newfield and Mr. Davis of SITLA that they try to schedule construction and drilling around the critical period of March 1 to June 15th for sagegrouse brooding. No restrictions for the antelope were requested. No other wildlife are expected to be significantly affected. Mr. Emmett gave Mr. Allred of Newfield Production Company and Mr. Davis of SITLA a copy of his evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed.

Floyd Bartlett — 12/13/2007
Onsite Evaluator — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name STATE 5-16-9-16
API Number 43-013-33849-0 **APD No** 630 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWNW **Sec** 16 **Tw** 9S **Rng** 16E 2043 FNL 758 FWL
GPS Coord (UTM) 574203 4431525 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred (Newfield Production Company), Cory Miller (Tri-State Land Surveying), Jim Davis (SITLA), Daniel Emmett (Utah Division of Wildlife Resources).

Regional/Local Setting & Topography

The general area is approximately 22 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 22.1 miles. Construction of 930 feet of new road will be required.

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Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.09	**Width** 199	**Length** 290	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Area was covered with snow. Vegetation is a Deseret shrub type. Identified or expected vegetation consisted of black sagebrush, shadscale, greasewood, mustard weed, rabbit brush, horsebrush, broom snakeweed, and spring annuals.

Cattle, prairie dogs, antelope, small mammals and birds. Golden eagle have been sited in the general area.

Soil Type and Characteristics

Moderately shallow sandy clay loam with some surface rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Slight overland flow may occasionally occur from the south but most will be intercepted by the location topsoil stockpile. No diversions are recommended.

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 **Sensitivity Level**

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** N **Liner Thickness** 16 **Pit Underlayment Required?** N

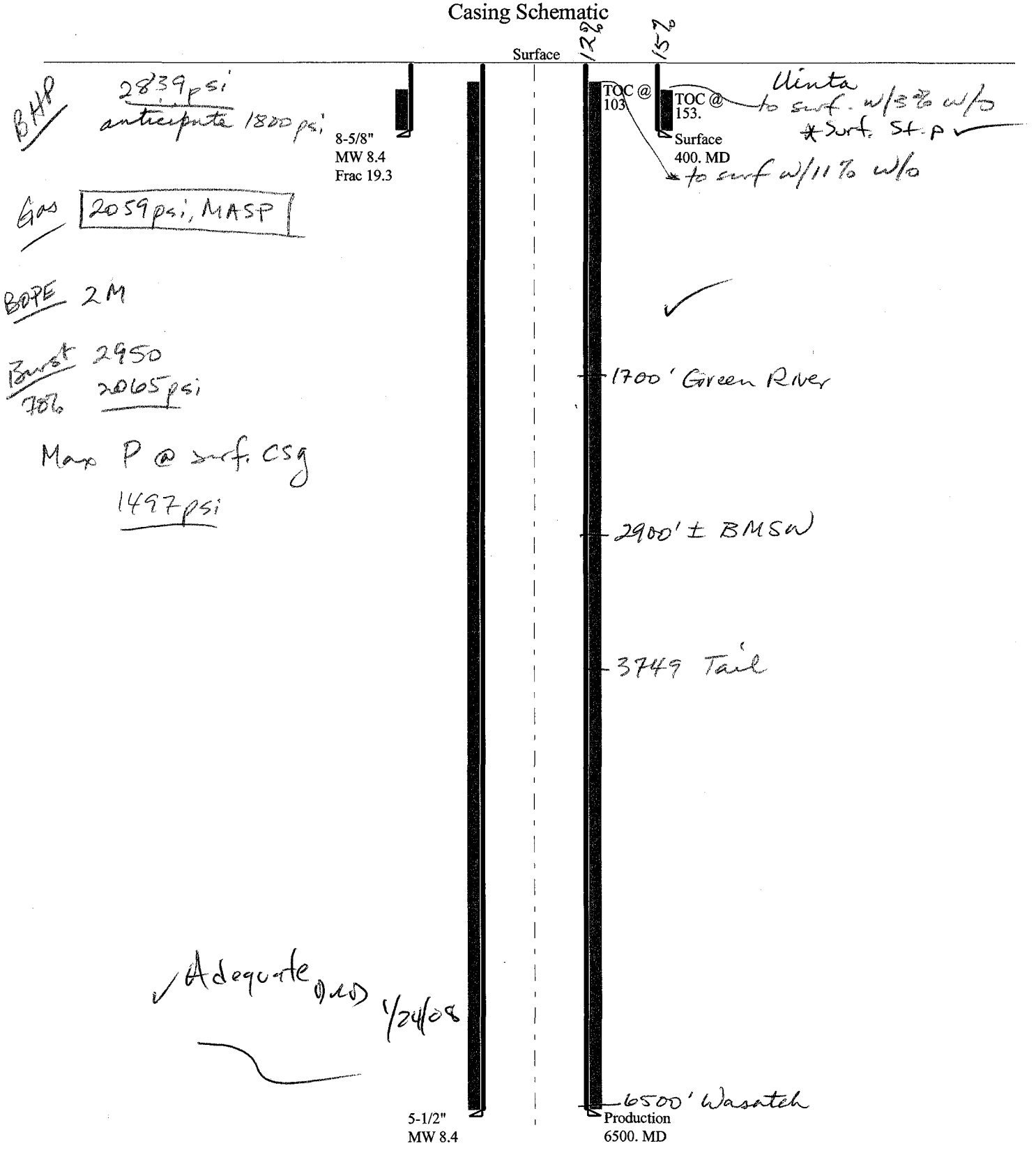
Other Observations / Comments

ATV's used to reach site. Site under 10 inches of snow.

Floyd Bartlett	12/13/2007
Evaluator	**Date / Time**

2008-01 Newfield State 5-16-9-16

Casing Schematic



BOPE REVIEW

Well Name	Newfield State 5-16-9-16 API# 43-013-33849

INPUT

Well Name	Newfield State 5-16-9-16 API# 43-013-33849			
	String 1	String 2	String 3	String 4
Casing Size (")	20	13 3/8		
Setting Depth (TVD)	400	6500		
Previous Shoe Setting Depth (TVD)	0	400	0	0
Max Mud Weight (ppg)	8.4	8.4		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		

Calculations	String 1	20 "	
Max BHP [psi]	.052*Setting Depth*MW =	175	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	NO No expected pressures @ Set depth
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	87	NO
Required Casing/BOPE Test Pressure		400	psi
***Max Pressure Allowed @ Previous Casing Shoe =**		0	psi *Assumes 1psi/ft frac gradient

Calculations	String 2	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	2839	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2059	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1409	YES ✓
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1497	NO
Required Casing/BOPE Test Pressure		2000	psi
***Max Pressure Allowed @ Previous Casing Shoe =**		400	psi *Assumes 1psi/ft frac gradient

Well name:	**2008-01 Newfield State 5-16-9-16**
Operator:	**Newfield Production Company**
String type:	Surface
Project ID:	43-013-33849
Location:	Duchesne County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 349 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 81 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 153 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,500 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,836 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	175	1370	7.851	400	2950	7.38	8	244	29.09 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: January 11,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-01 Newfield State 5-16-9-16**
Operator:	**Newfield Production Company**
String type:	Production
Project ID:	43-013-33849
Location:	Duchesne County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,406 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,836 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,674 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 166 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 103 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	6500	5.5	15.50	J-55	LT&C	6500	6500	4.825	868.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2836	4040	1.424	2836	4810	1.70	88	217	2.47 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: January 11,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Mason, Diana
Date: 1/8/2008 12:05 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

ConocoPhillips Company
Utah 29-574D (API 43 015 30735)

EOG Resources, Inc
CWU 956-32 (API 43 047 39515)

Kerr McGee Oil & Gas Onshore LP
NBU 1021-2N (API 43 047 38840)

Newfield Production Company
Wells Draw Fed C-5-9-16 (API 43 013 33753)
State 1A-16-9-16 (API 43 013 33845)
State 2A-16-9-16 (API 43 013 33846)
State 3-16-9-16 (API 43 013 33847)
State 4-16-9-16 (API 43 013 33848)
State 5-16-9-16 (API 43 013 33849)
State 6-16-9-16 (API 43 013 33850)
State 12-16-9-16 (API 43 013 33852)
State 13-16-9-16 (API 43 013 33853)
State 16-16-9-16 (API 43 013 33854)

Pioneer Natural Resources USA, Inc
Main Canyon State 12-16-15-23 (API 43 047 39695)
Main Canyon State 34-21-15-23 (API 43 047 39696)
Horse Point State 34-10-16-23 (API 43 019 31558)
Horse Point State 41-1-16-23 (API 43 019 31599)
Grand Canyon State 23-35-15.5-23 (API 43 019 31560)

If you have any questions regarding this matter please give me a call.

Helen Sadik-Macdonald - Newfield wells

From: "Hans Wychgram"
To:
Date: 01/09/2008 3:52 PM
Subject: Newfield wells
CC: "Brad Mecham" , "Mandie Crozier"

Helen,

As per our conversation this afternoon, Newfield agrees to set 400' of surface casing on the following wells:

State 3-16-9-16

State 4-16-9-16

State 5-16-9-16

State 6-16-9-16

State 11-16-9-16

State 12-16-9-16

State 13-16-9-16

State 16-16-9-16

Gilsonite L-32-8-17

Monument Butte F-36-8-16

Also, we discussed setting 300' of 20" conductor casing on the following deep gas wells:

Beluga 16T-5-9-17

Monument Butte 4-36T-8-16

Thanks,

Hans Wychgram

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: State 5-16-9-16 Well, 2043' FNL, 758' FWL, SW NW, Sec. 16, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33849.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Newfield Production Company

Well Name & Number State 5-16-9-16

API Number: 43-013-33849

Lease: ML-16532

Location: SW NW **Sec.** 16 **T.** 9 South **R.** 16 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Surface casing shall be cemented to the surface.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-16532** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 5-16-9-16**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-013-33849**
4. LOCATION OF WELL Footages **2043 FNL 758 FWL** QQ, SEC, T, R, M: **SW/NW Section 16, T9S R16E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **DUCHESNE** STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT: (Submit in Duplicate)		SUBSEQUENT REPORT OF: (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[ ] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[X] OTHER **APD Change**		DATE WORK COMPLETED	

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanies by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfeild Production requests the following changes be made the drilling program on the above mentioned approved APD.

Surface Casing will be set @ 290'.

13. NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 3/7/2008

(This space for State use only)

4/94 See Instructions On Reverse Side

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3/14/08

BY:

RECEIVED

MAR 1 2 2008

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 3·19·2008

Initials: KS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **STATE 5-16-9-16**

Api No: **43-013-33849** Lease Type: **STATE**

Section **16** Township **09S** Range **16E** County **DUCHESNE**

Drilling Contractor **ROSS DRILLING** RIG # **24**

SPUDDED:

Date **04/07/08**

Time **3:30 PM**

How **DRY**

Drilling will Commence:

Reported by **JIM SMITH**

Telephone # **(435) 823-2072**

Date 04/08/08 Signed CHD

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTAH STATE ML-16532

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STATE 5-16-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333849

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2043 FNL 758 FWL

SWNW Section 16 T9S R16E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Weekly Status Report
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/11/08 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 285'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5825'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 5820.73' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 2 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig @ 4:30 PM on 4/15/08.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Jim Smith

Title
Drilling Foreman

Signature

Date
04/16/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C, Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
APR 18 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT **5820.73**

Flt cllr @ 5799.48'

LAST CASING 8 5/8" SET A 324.33'

OPERATOR **Newfield Production Company**

DATUM **12**

WELL **State 5-16-9-16**

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT **Monument Butte**

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # **NDSI Rig # 3**

TD DRILLER **5825'** LOGGE 5935'

HOLE SIZE **7 7/8"**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 4020'/5.44"					
138	**5 1/2"**	ETC LT & C casing	**15.5#**	**J-55**	**8rd**	**A**	5786.88
							0.6
1	**5 1/2"**	ETC LT&C csg	**15.5#**	**J-55**	**8rd**	**A**	20.6
		GUIDE shoe			**8rd**	**A**	0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	5822.73	139
LESS NON CSG. ITEMS	15.25	
PLUS FULL JTS. LEFT OUT	221.29	6
TOTAL	**6028.77**	145
TOTAL CSG. DEL. (W/O THRDS)	6028.77	145
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	4/15/2008	4:30 AM
CSG. IN HOLE	4/15/2008	8:30 AM
BEGIN CIRC	4/15/2008	8:30 AM
BEGIN PUMP CMT	4/15/2008	10:25 AM
BEGIN DSPL. CMT	4/15/2008	11:05 AM
PLUG DOWN	4/15/2008	**11:30 AM**

TOTAL LENGTH OF STRING	5822.73
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**5820.73**

} COMPARE

GOOD CIRC THRU JOB Yes

Bbls CMT CIRC TO SUF 2

RECIPROCATED PIPE FOR ____ THRU ____ FT STROKE

DID BACK PRES. VALVE HOLD ? yes

BUMPED PLUG TO 2060 PSI

CEMENT USED				CEMENT COMPANY- **B. J.**
STAGE	# SX			CEMENT TYPE & ADDITIVES
1	**300**	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake		
		mixed @ 11.0 ppg W / 3.43 cf/sk yield		
2	**400**	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD		

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Jim Smith DATE **4/15/08**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16800	4304739733	UTE TRIBAL 2-1-5-1E	NWNE	1	5S	1E	DUCHESNE	4/2/2008	4/28/08

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16801	4304739259	FEDERAL 4-24-9-17	NWNW	24	9S	17E	DUCHESNE	4/2/2008	4/28/08

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	14844 ✓	4304734935	SUNDANCE FEDERAL 8-6-9-18	SENE	6	9S	18E 17E	DUCHESNE	4/4/2008	4/28/08

GRRV BHL = SENE Sundance Unit

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16802	4301333849	STATE 5-16-9-16	SWNW	16	9S	16E	DUCHESNE	4/7/2008	4/28/08

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 6 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Jentri Park
Signature
Production Clerk
04/10/08
Date

RECEIVED
APR 10 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: STATE 5-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333849

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2043 FNL 758 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 16, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
05/20/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05/14/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE [signature] DATE 05/20/2008

(This space for State use only)

RECEIVED
MAY 27 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

STATE 5-16-9-16

3/1/2008 To 7/30/2008

5/3/2008 Day: 1 **Completion**

Rigless on 5/2/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5757' & cement top @ 70'. Perforate stage #1, CP3 sds @ 5698-5706' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 32 shots. 136 BWTR. SWIFN.

5/8/2008 Day: 2 **Completion**

Rigless on 5/7/2008 - Stage #1, CP3 sands. RU BJ Services. 0 psi on well. Frac CP3 sds w/ 34,586#'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Broke @ 3030 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1941 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2046 psi. Leave pressure on well. Stage #2, LODC sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 5440'. Perforate LODC sds @ 5334-42' w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU BJ Services. 1674 psi on well. Frac LODC sds w/ 24,721#'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Broke @ 1889 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2425 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2165 psi. Leave pressure on well. 918 BWTR Stage #3, A.5 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' perf gun. Set plug @ 5180'. Perforate A.5 sds @ 5080- 91' w/ 3-1/8" Slick Guns w/ 4 spf for total of 44 shots. RU BJ Services. 1708 psi on well. Frac A.5 sds w/ 84,098#'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Broke @ 3959 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2065 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2582 psi. Leave pressure on well. 1584 BWTR Stage #4, B2 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 5040'. Perforate B2 sds @ 4968- 74' w/ 3-1/8" Slick Guns w/ 4 spf for total of 24 shots. RU BJ Services. 1921 psi on well. Frac B2 sds w/ 24,764#'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Broke @ 3710 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3365 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2959 psi. Leave pressure on well. 1938 BWTR Stage #5, D2 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 4880'. Perforate D2 sds @ 4778- 85' w/ 3-1/8" Slick Guns w/ 4 spf for total of 28 shots. RU BJ Services. 1452 psi on well. Frac D2 sds w/ 24,664#'s of 20/40 sand in 341 bbls of Lightning 17 fluid. Broke @ 3618 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1975 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1906 psi. Leave pressure on well. 2279 BWTR Stage #6, GB4 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 4280'. Perforate GB4 sds @ 4170- 82' w/ 3-1/8" Slick Guns w/ 4 spf for total of 48 shots. RU BJ Services. 1466 psi on well. Frac GB4 sds w/ 59,402#'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Broke @ 3066 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1805 psi @ ave rate of

23.3 BPM. ISIP 1929 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 7 1/2 hrs & died. Rec. 430 BTF. SIWFN w/ 2360 BWTR.

5/9/2008 Day: 3 **Completion**

Leed #712 on 5/8/2008 - MIRU Leed rig 712. 100 psi on well. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP. Talley PU & RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" J- 55 tbg. Tagged sand @4259'. RU Nabors power swivel. Circulate sand & drill out plugs. Sand @ 4259', Plug @ 4280', Drilled up in 40 mins, Tagged sand @ 4625', Circulate clean down to plug @ 4880'. SIWFN w/ 2335 BWTR.

5/13/2008 Day: 4 **Completion**

Leed #712 on 5/12/2008 - 25 psi on well. Bleed off pressure. Continue to clean out sand & drill out plugs. Plug @ 4880' (Drilled out in 18 mins). Tagged sand @ 5032', Plug @ 5040' (Drilled out in 28 mins), Tagged sand @ 5146', Plug @ 5180' (Drilled up in 23 mins). Tagged plug @ 5440', (Drilled up in 19 mins). Tagged fill @ 5657'. C/O to PBTD @ 5799'. RD power swivel. LD 2 jts of tbg. EOT @ 5738'. RU swab equipment. IFL @ sfc. Made 14 runs. Rec 150 BTF. FFL @ 1200'. Trace of oil, No sand. RD swab equipment. TIH w/ tbg. Tagged sand @ 5754'. Circulate clean down to PBTD @ 5799'. LD 4 jts of tbg. EOT 5680'. SIWFN w/ 2280 BWTR.

5/14/2008 Day: 5 **Completion**

Leed #712 on 5/13/2008 - 25 psi on well. Bleed off pressure. TOH w/ tbg. LD bit & bit sub. PU & RIH w/ production tbg as follows: BP, 4- jts, 2 7/8" nipple, PBGA, 1- jt, SN, 2-jts, TA, 168 jts of 2 7/8" J-55 tbg. ND BOP, Set TA w/ 15,000#'s of tension @ 5280'. Land tbg on flange. NU WH. Prime up rod pump. PU & RIH w/ follow: CDI: 2 1/2" X 1 1/2" X 18' RHAC, 6- 1 1/2" wtr bars, 20- 3/4" guided rods, 93- 3/4" plain rods, 94- 3/4" guided rods, 1-2' X 3/4" sub, 1 1/2" X 26' Polish rod. Space out rods. 2280 BWTR. Left well down due to surface equipment, Final report will follow.

5/15/2008 Day: 6 **Completion**

Rigless on 5/14/2008 - Complete flow line ty in. Adjust tag. PWOP @ 1:00 pm w/ 74" SL & 5 SPM. Final report.

Pertinent Files: Go to File List

FORM 3160-4
(July 1992)

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: State

8. FARM OR LEASE NAME, WELL NO.: State 5-16-9-16

1a. TYPE OF WORK
OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

2. NAME OF OPERATOR: Newfield Exploration Company

9. WELL NO.: 43-013-33849

3. ADDRESS AND TELEPHONE NO.: 1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 2043' FNL & 758' FWL (SW/NW) Sec. 16, T9S, R16E
At top prod. Interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 16, T9S, R16E

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-33849	01/24/08	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
04/07/08	04/14/08	05/14/08	5922' GL	5934' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5825'	5799'		------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4170'-5706'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5821'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5508'	TA @ 5280'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP3) 5698'-5706'	.49"	4/32
(LODC) 5334'-5342'	.49"	4/32
(A.5) 5080'-5091'	.49"	4/44
(B2) 4968'-4974'	.49"	4/24
(D2) 4778'-4785'	.49"	4/28
(GB4) 4170'-4182'	.49"	4/48

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5698'-5706'	Frac w/ 34,586# 20/40 sand in 434 bbls fluid
5334'-5342'	Frac w/ 24,721# 20/40 sand in 348 bbls fluid
5080'-5091'	Frac w/ 84,098# 20/40 sand in 666 bbls fluid
4968'-4974'	Frac w/ 24,764# 20/40 sand in 354 bbls fluid
4778'-4785'	Frac w/ 24,664# 20/40 sand in 341 bbls fluid
4170'-4182'	Frac w/ 59,402# 20/40 sand in 511 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
05/14/08	2-1/2" x 1-1/2" x 16' x 18' RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
06-21-08			----->	47	74	18	1574

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED
JUL 07 2008
DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park TITLE Production Tech DATE 7/1/2008

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **State 5-16-9-16**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	**3674'**	
Garden Gulch 1	**3890'**	
Garden Gulch 2	**3998'**	
Point 3 Mkr	**4248'**	
X Mkr	**4515'**	
Y-Mkr	**4549'**	
Douglas Creek Mkr	**4663'**	
BiCarbonate Mkr	**4897'**	
B Limestone Mkr	**5004'**	
Castle Peak	**5552'**	
Basal Carbonate	**NP**	
Total Depth (LOGGERS	**5835'**	

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

OIL WELL [ ] GAS WELL [X] OTHER [ ]

2. NAME OF OPERATOR: **NEWFIELD PRODUCTION COMPANY**

3. ADDRESS AND TELEPHONE NUMBER: **Rt. 3 Box 3630, Myton Utah 84052 435-646-3721**

4. LOCATION OF WELL

Footages: **2043 FNL 758 FWL**

QQ, SEC, T, R, M: **SW/NW Section 16, T9S R16E**

5. LEASE DESIGNATION AND SERIAL NO.: **ML-16532**

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME: **N/A**

7. UNIT AGREEMENT NAME: **NA**

8. WELL NAME and NUMBER: **STATE 5-16-9-16**

9 API NUMBER: **43-013-33849**

10 FIELD AND POOL, OR WILDCAT: **MONUMENT BUTTE**

COUNTY **DUCHESNE**

STATE **UTAH**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT: (Submit in Duplicate)		*SUBSEQUENT REPORT OF:* (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[X] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] *FRACTURE TREAT OR ACIDIZE*	[ ] *VENT OR FLARE*	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[ ] OTHER		DATE WORK COMPLETED	
		Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		*Must be accompanies by a cement verification report.	

12. *DESCRIBE PROPOSED OR COMPLETED OPERATIONS.* (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

As per a conversation with Helen Sadik MacDonald approval was given to go ahead and set the planned 290' of surface casing that is normally set on wells drilled within the Monument Butte field by Newfield Production. Subsequently 324' of surface casing was set on the above mentioned well.

13. NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 7/21/2008

(This space for State use only)

4/94 * See Instructions On Reverse Side

RECEIVED
JUL 25 2008
DIV. OF OIL, GAS & MINING

NEWFIELD
ROCKY MOUNTAINS

September 2, 2011

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
State #5-16-9-16
Monument Butte Field, Lease #ML-16532
Section 16-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the State #5-16-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Regulatory Lead

RECEIVED
SEP 07 2011
DIV. OF OIL, GAS & MINING

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

STATE #5-16-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #ML-16532

SEPTEMBER 2, 2011

RECEIVED
SEP 07 2011
DIV. OF OIL, GAS & MINING

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: State #5-16-9-16
Field or Unit name: Monument Butte (Green River) Lease No. ML-16532
Well Location: QQ SWNW section 16 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-33849

Proposed injection interval: from 3997 to 5799
Proposed maximum injection: rate 500 bpd pressure 1902 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature
Title Regulatory Lead Date 9/1/11
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

State 5-16-9-16

Spud Date: 04-07-08
Put on Production: 05-14-08
GL: 5922' KB: 5934'

SURFACE CASING

CSG SIZE: 8-7/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.48')
DEPTH LANDED: 324'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

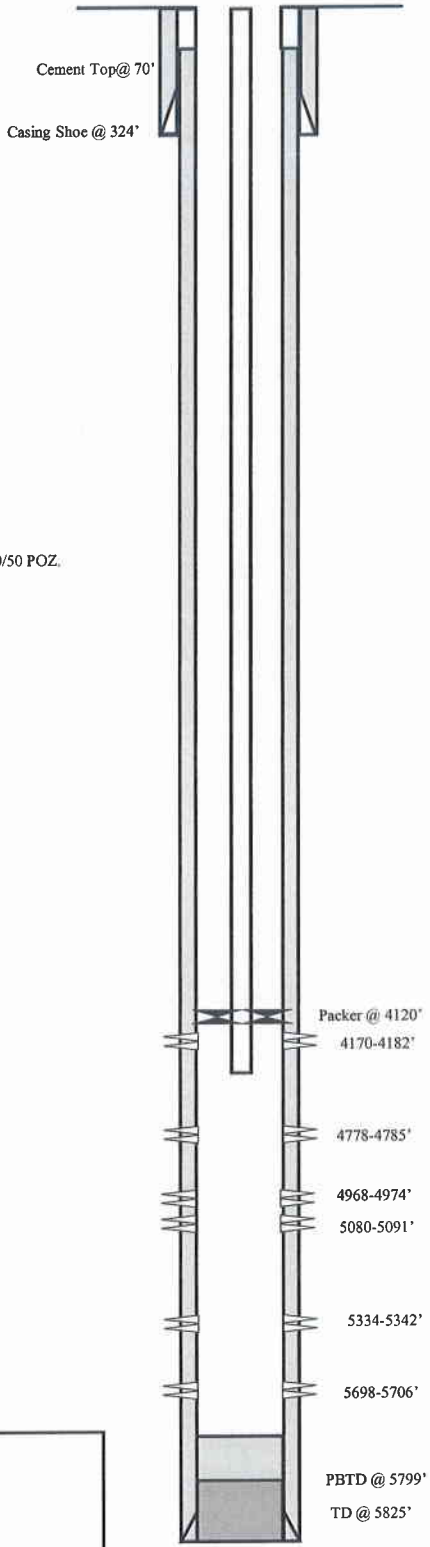
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139jts. (5807.48')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5825'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5268.1')
TUBING ANCHOR: 5268.1'
NO. OF JOINTS: 2 jts (62.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5345.51' KB
NO. OF JOINTS: 5 jts (155.2')
TOTAL STRING LENGTH: EOT @ 5496'

Propose Injection
Wellbore Diagram



FRAC JOB

05-07-08	**5698-5706'**	**Frac CP3 sands as follows:** Frac with 34586 #'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Treat at an ave pressure of 1941 psi @ 23.2 BPM. ISIP 2046 psi.
05-07-08	**5334-5342'**	**Frac LODC sands as follows:** Frac with 24721 #'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Treat at an ave pressure of 2425 psi @ 23.2 BPM. ISIP 2165 psi.
05-07-08	**5080-5091'**	**Frac A.5 sands as follows:** Frac with 84098 #'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Treat at an ave pressure of 2065 psi @ 23.2 BPM. ISIP 2582 psi.
05-07-08	**4968-4974'**	**Frac B2 sand as follows:** Frac with 24764 #'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Treat at an ave pressure of 3365 psi @ 23.3 BPM. ISIP 2959 psi.
05-07-08	**4778-4785'**	**Frac D2 sands as follows:** Frac with 24664 #'s of 20/40 sand in 341 bbls Lightning of 17 fluid. Treat at an ave pressure of 1975 psi @ 23.3 BPM. ISIP 2279 psi.
05-07-08	**4170-4182'**	**Frac GB4 sands as follows:** Frac with 59402 #'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Treat at an ave pressure of 1805 psi @ 23.3 BPM. ISIP 1929 psi.
12-18-09		**Pump Change.** Update rod and tubing detail

PERFORATION RECORD

4170-4182'	4 JSPF	48 holes
4778-4785'	4 JSPF	28 holes
4968-4974'	4 JSPF	24 holes
5080-5091'	4 JSPF	44 holes
5334-5342'	4 JSPF	32 holes
5698-5706'	4 JSPF	32 holes

NEWFIELD

State 5-16-9-16
2043' FNL & 758' FWL
SWNW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33849; Lease #Utah State ML-16532

JL 8/9/2011

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

   2.1 The name and address of the operator of the project.

   Newfield Production Company
   1001 17th Street, Suite 2000
   Denver, Colorado 80202

   2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

   See Attachment A.

   2.3 A full description of the particular operation for approval is requested.

   Approval is requested to convert the State #5-16-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

   2.4 A description of the pools from which the identified wells are producing or have produced.

   The proposed injection well will inject into the Green River Formation.

   2.5 The names, description and depth of the pool or pools to be affected.

   The injection zone is in the Green River Formation. For the State #5-16-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3997' - 5799). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3674' and the TD is at 5825'.

   2.6 A copy of a log of a representative well completed in the pool.

   The referenced log for the State #5-16-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #ML-16532) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5825' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1902 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the State #5-16-9-16, for existing perforations (4170' - 5706') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1902 psig. We may add additional perforations between 3674' and 5825'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the State #5-16-9-16, the proposed injection zone (3997' - 5799') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

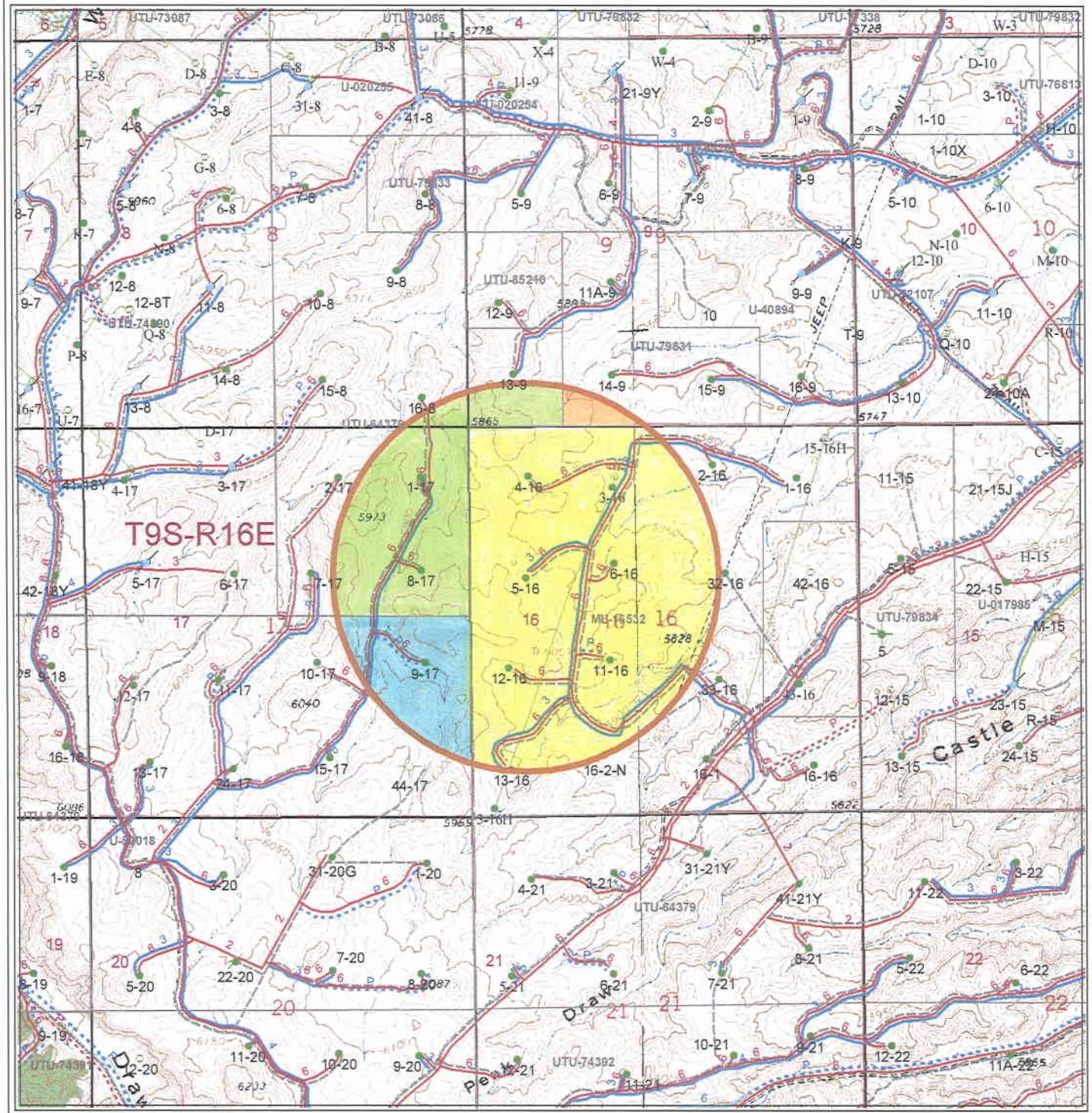
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



Well Status
- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Countyline

Injection system
- high pressure
- low pressure
- proposed
- return
- return proposed
- Leases
- Mining tracts

Gas Pipelines
- Gathering lines
- Proposed lines
- 5_16_9_16_Buffer

ML-16532

UTU-64379

UTU-52018

UTU-79831

State 5-16
Section 16, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

N

1" = 2000'

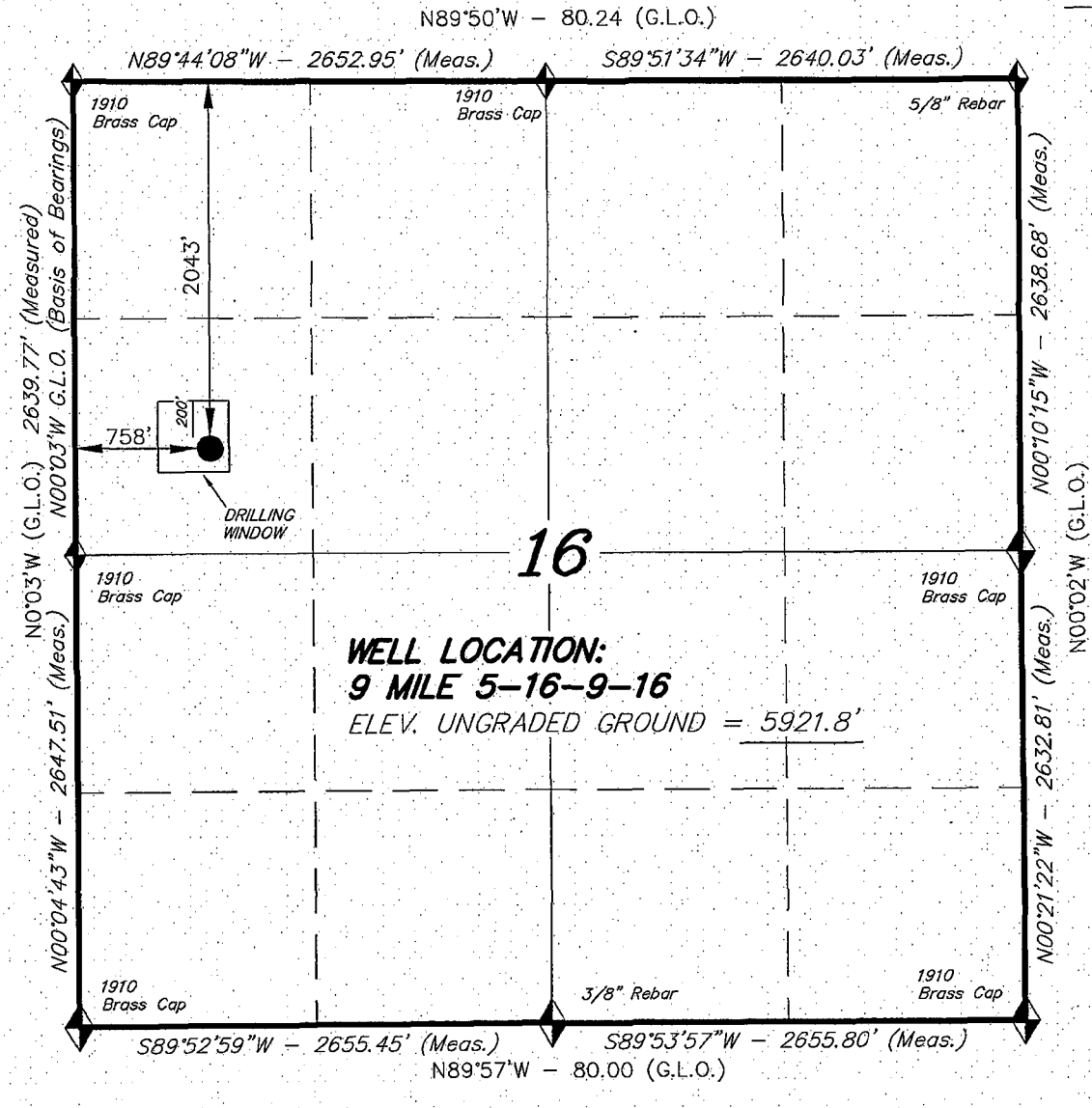
1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

June 28, 2011

ATTACHMENT A-1

T9S, R16E, S.L.B.&M.



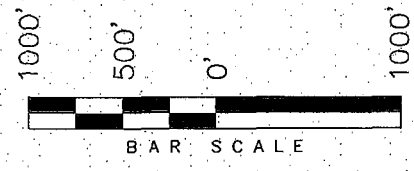
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-16-9-16 (Surface Location)	NAD 83
LATITUDE =	40° 01' 57.02"
LONGITUDE =	110° 07' 51.79"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-16-9-16, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377
STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-10-07	SURVEYED BY: C.M.
DATE DRAWN: 10-31-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 16: ALL	State of Utah ML 16532 HBP	QEP Energy Company El Paso E&P Company, LP American Petroleum Corp Brave River Production Trans Republic Resources Inc El Paso Production Oil & Gas Company Newfield RMI LLC	State of Utah
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, Lots 3,4 Section 19: NE, E2NW, Lots 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
State #5-16-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 1st day of September, 2011.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: My Commission Expires 02/10/2013

CANDICE L. TWITTY NOTARY PUBLIC STATE OF COLORADO

ATTACHMENT E

State 5-16-9-16

Spud Date: 04-07-08
Put on Production: 05-14-08
GL: 5922' KB: 5934'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-7/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.48')
DEPTH LANDED: 324'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

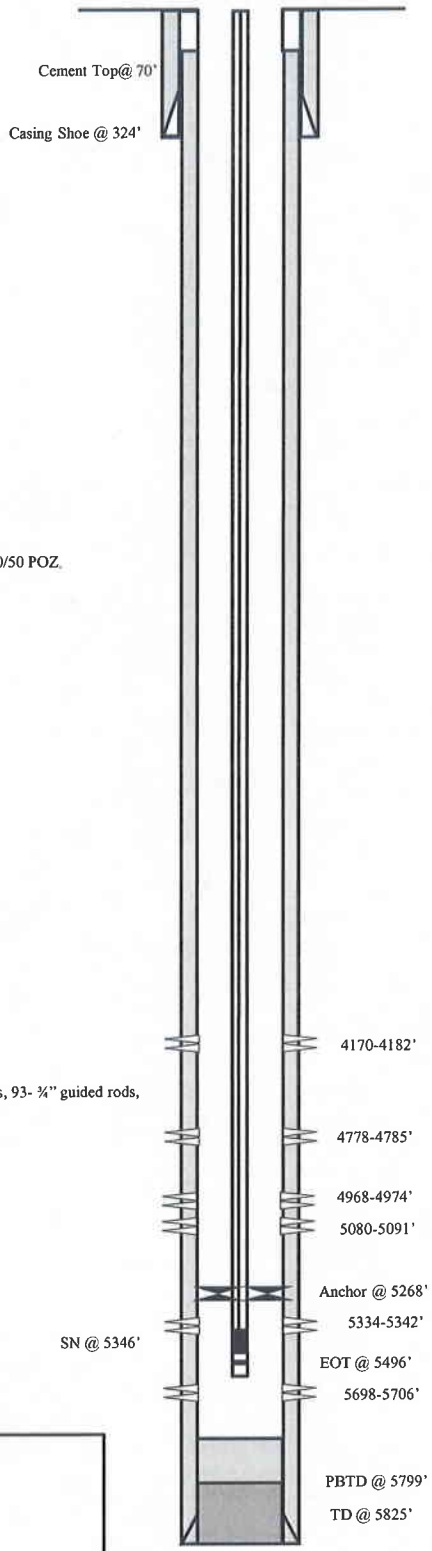
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139jts. (5807.48')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5825'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 168 jts (5268.1')
TUBING ANCHOR: 5268.1'
NO. OF JOINTS: 2 jts (62.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5345.51' KB
NO. OF JOINTS: 5 jts (155.2')
TOTAL STRING LENGTH: EOT @ 5496'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 2- 4' x ¾" pony rods, 94- ¾" guided rods, 93- ¾" guided rods, 20- ¾" guided rods, 6- 1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 18' RHAC
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5



FRAC JOB

05-07-08 5698-5706' **Frac CP3 sands as follows:** Frac with 34586 #'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Treat at an ave pressure of 1941 psi @ 23.2 BPM. ISIP 2046 psi.

05-07-08 5334-5342' **Frac LODC sands as follows:** Frac with 24721 #'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Treat at an ave pressure of 2425 psi @ 23.2 BPM. ISIP 2165 psi.

05-07-08 5080-5091' **Frac A.5 sands as follows:** Frac with 84098 #'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Treat at an ave pressure of 2065 psi @ 23.2 BPM. ISIP 2582 psi.

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12-18-09 **Pump Change.** Update rod and tubing detail

PERFORATION RECORD

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4778-4785'	4 JSPF	28 holes
4968-4974'	4 JSPF	24 holes
5080-5091'	4 JSPF	44 holes
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NEWFIELD

State 5-16-9-16
2043' FNL & 758' FWL
SWNW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33849; Lease #Utah State ML-16532

ML 1-12-10

ATTACHMENT E-1

State 3-16-9-16

Spud Date: 02-28-08
Put on Production: 05-13-08
GL: 5841' KB: 5853'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 209 sx Class "G" cmt

PRODUCTION CASING

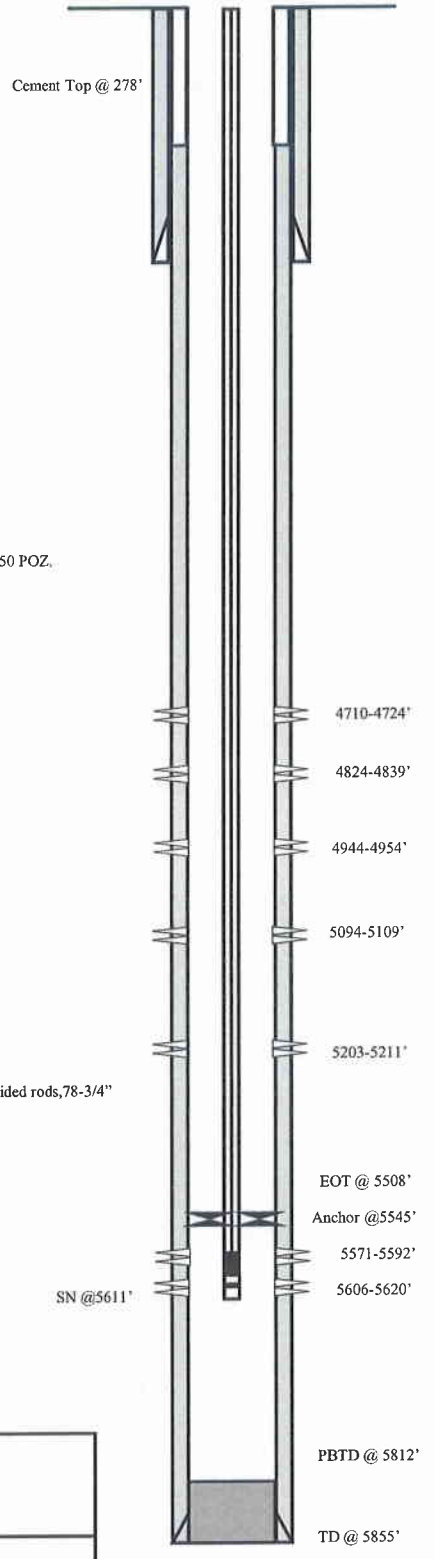
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts
HOLE SIZE: 7-7/8"
TOTAL DEPTH: 5826'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (5533.42')
TUBING ANCHOR: 5545.42'
NO. OF JOINTS: 2 jts (62.86')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5611.08' KB
NO. OF JOINTS: 2 jts (62.80')
TOTAL STRING LENGTH: EOT @ 5508.31' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS:1- 2', 3-4', 1-6' x ¾" pony sub, 99- ¾" guided rods,78-3/4" plain rods, 40- ¾" guided rods, 6- 1 ½" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 18' RHAC pump
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5



FRAC JOB

04-22-08	5571-5592'	**Frac CP1 sds as follows:** Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.
04-22-08	5203-5211'	**Frac LODC sds as follows:** Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.
04-22-08	5094-5109'	**Frac A1 sds as follows:** Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.
04-22-08	4944-4954'	**Frac B2 sds as follows:** Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi.Actual Flush: 4439 gals.
04-22-08	4824-4839'	**Frac C sds as follows:** Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.
04-22-08	4710-4724'	**Frac D2 sds as follows:** Frac w/37,944#' 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.

PERFORATION RECORD

4710-4724'	4 JSPF	56 holes
4824-4839'	4 JSPF	60 holes
4944-4954'	4 JSPF	40 holes
5094-5109'	4 JSPF	60 holes
5203-5211'	4 JSPF	32 holes
5571-5592'	4 JSPF	84 holes
5606-5620'	4 JSPF	56 holes

NEWFIELD

State 3-16-9-16
660' FNL & 1990' FWL
NE/NW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33847; Lease #Utah State ML-16532

TL 9/24/08

ATTACHMENT E-2

State 4-16-9-16

Spud Date: 4/1/08
Put on Production: 6/3/08

GL: 5881' KB: 5893'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (300.96')
DEPTH LANDED: 312.81' KB
HOLE SIZE: 12-1/4"
CEMENT DATA:1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158jts 5819.28
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5832.53'
CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP AT: 48'

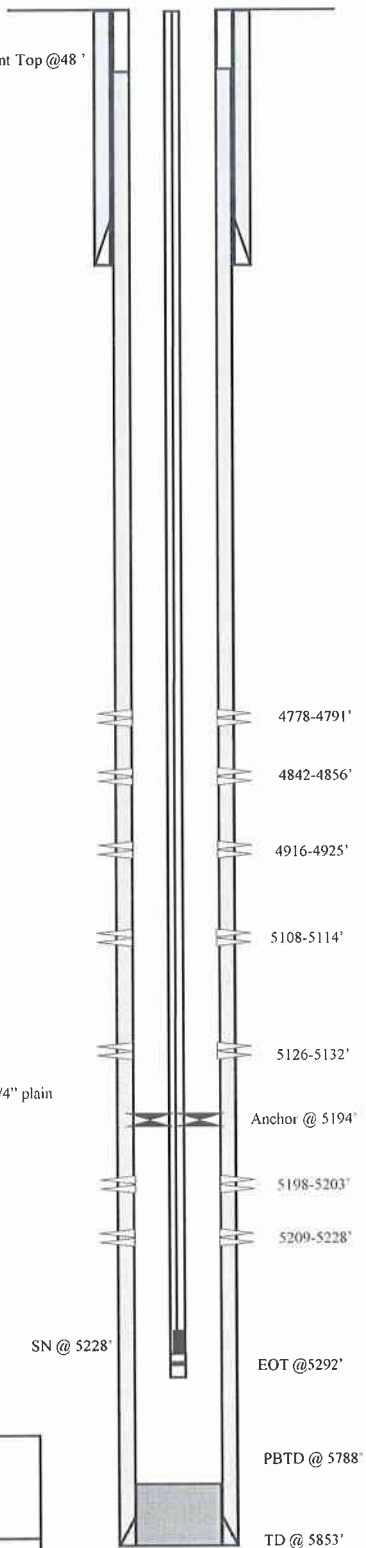
TUBING

SIZE/GRADE/WT: 2 7/8" /J-55 /6.5#
NO. OF JOINTS: 175 jts 5182.02
TUBING ANCHOR: 5194.02'
NO. OF JOINTS: 1jt (31.52')
SEATING NIPPLE: 2 7/8"
SN LANDED AT: 5228.29'
NO. OF JOINTS: 2jts 62.47
TOTAL STRING LENGTH: EOT@ 5292.31'

SUCKER RODS

POLISHED ROD: 1 ½" x 26' polished rod
SUCKER RODS: 1-2', 8' x ¾" pony subs, 99-3/4" guided rods, 83-3/4" plain rods, 20-3/4" guided rods, 6-1 ½" weight bars
PUMP SIZE: 2 ½" x 1 ½" x 12' x 15 ½' RHAC rod pump CDI
STROKE LENGTH: 58
PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

05-28-08 5209-5228' Frac LODC sds as follows:
200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi w/ ave rate of 27.3 BPM. ISIP 2322 psi. Actual Flush: 4683 gals.

05-28-08 5108-5114' Frac A1 & A3 sds as follows:
120,424# 20/40 sand in 868 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1922 psi w/ ave rate of 27.0 BPM. ISIP 2220 psi. Actual Flush: 4616 gals.

05-28-08 4916-4925' Frac B1 sds as follows:
54,952# 20/40 sand in 495 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1767 psi w/ ave rate of 23.4 BPM. ISIP 1705 psi. Actual Flush: 4406 gals.

05-28-08 4842-4856' Frac C sds as follows:
115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4330 gals.

05-28-08 4778-4791' Frac D3 sds as follows:
115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4679 gals.

3/28/09	Pump Change. Updated r & t details.
6/5/09	Pump Change. Updated rod & tubing details.

PERFORATION RECORD

4778-4791'	4 JSPF	52 holes
4842-4856'	4 JSPF	56 holes
4916-4925'	4 JSPF	36 holes
5108-5114'	4 JSPF	24 holes
5126-5132'	4 JSPF	24 holes
5198-5203'	4 JSPF	20 holes
5209-5228'	4 JSPF	76 holes

NEWFIELD

State 4-16-9-16
660' FNL & 815' FWL
NW/NW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33848; Lease #Utah State ML-16532

DF 8/20/09

ATTACHMENT E-3

State 6-16-9-16

Spud Date: 03-03-08
Put on Production: 05-12-08
GL: 5876' KB: 5888'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (321.48')
DEPTH LANDED: 431'
HOLE SIZE: 12-1/4"
CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

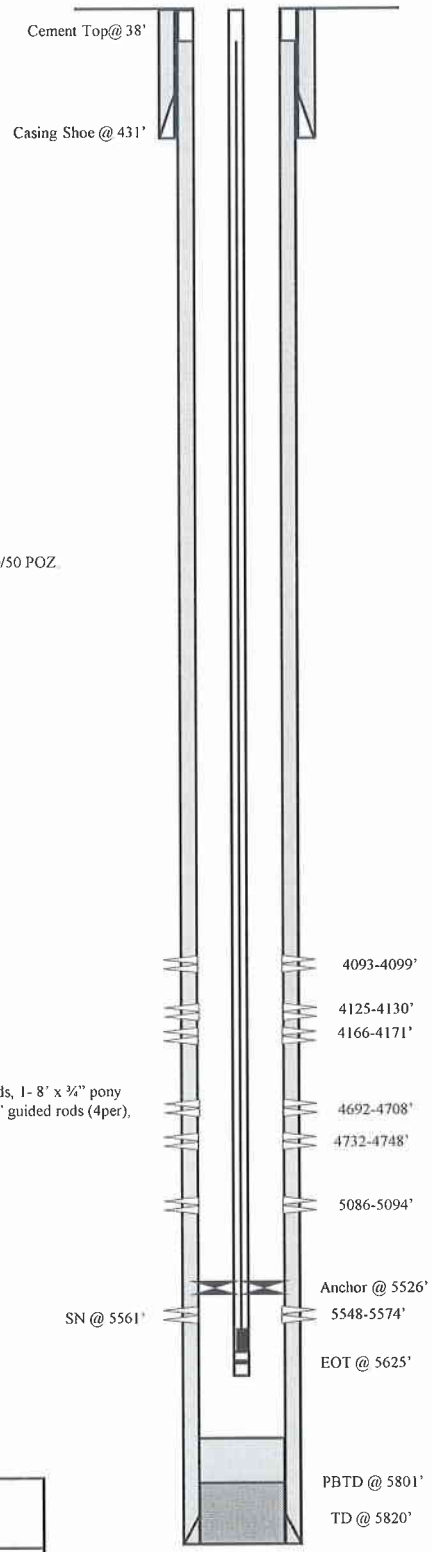
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5809.35')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.6'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 175 jts (5514.2')
TUBING ANCHOR: 5526.2'
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5560.5' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 5625' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2' x ¾" pony rod, 3- 12' x ¾" pony rods, 1- 8' x ¾" pony rods, 98- ¾" guided rods (4per), 77- ¾" sucker rods, 40- ¾" guided rods (4per), 6- 1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC pump
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4



FRAC JOB

4-29-08	**5548-5574'**	**Frac CP1 sands as follows:** Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.
4-29-08	**5086-5094'**	**Frac A1 sands as follows:** Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.
4-29-08	**4692-4748'**	**Frac D3 & D2 sands as follows:** Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.
4-29-08	**4093-4171'**	**Frac GB4 & GB6 sand as follows:** Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.
7/14/08		pump change. Updated tubing and rod detail.
9/9/08		Pump Change. Updated rod &tubing details.
3/23/10		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16
1849' FNL & 1974' FEL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

ML 5/14/2010

ATTACHMENT E-4

State 11-16-9-16

Spud Date: 07-16-08
Put on Production: 08-27-08
GL: 5907' KB: 5919'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (403.45')
DEPTH LANDED: 413.45'
HOLE SIZE: 12-1/4"
CEMENT DATA: 218 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5809.54')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.14'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 40'

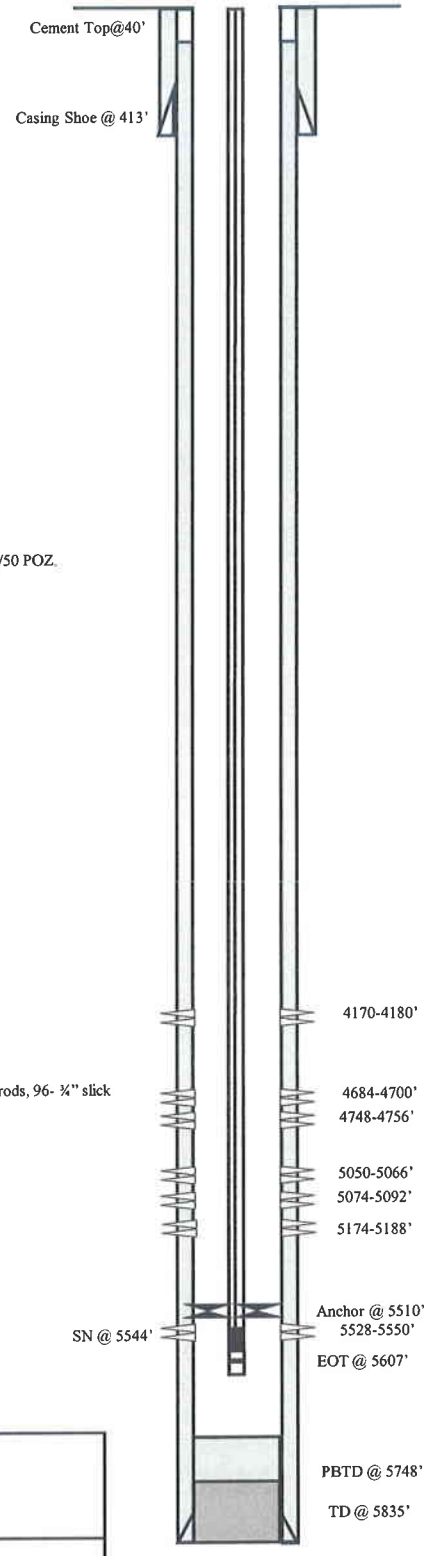
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 179 jts (5498.10')
TUBING ANCHOR: 5510.10'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5543.77' KB
NO. OF JOINTS: 2 jts (61.22')
TOTAL STRING LENGTH: EOT @ 5606.54' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2', 4' x ¾" pony subs, 110- ¾" guided rods, 96- ¾" slick rods, 20- ¾" guided rods, 6- 1 ½" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 18' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4.75

Wellbore Diagram



FRAC JOB

08-18-08	5528-5550'	**Frac CP1 sands as follows:** Frac with 85230 #'s of 20/40 sand in 662 bbls of Lightning 17 fluid. Treat at an ave pressure of 1430 psi @ 23.3 BPM. ISIP 1935 psi.
08-18-08	5174-5188'	**Frac LODC sands as follows:** Frac with 35330 #'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Treat at an ave pressure of 3100 psi @ 20.1 BPM. ISIP 4026 psi.
08-18-08	5050-5092'	**Frac A1 sands as follows:** Frac with 84924 #'s of 20/40 sand in 701 bbls Lightning 17 fluid. Treat at an ave pressure of 1705 psi @ 23.2 BPM. ISIP 2112 psi.
08-18-08	4684-4756'	**Frac D2 & D3 sands as follows:** Frac with 50386 #'s of 20/40 sand in 440 bbls of Lightning 17 fluid. Treat at an ave pressure of 1826 psi @ 23.1 BPM. ISIP 2101 psi.
08-18-08	4170-4180'	**Frac GB6 sands as follows:** Frac with 39122 #'s of 20/40 sand in 370 bbls of Lightning 17 fluid. Treat at an ave pressure of 1873 psi @ 23.1 BPM. ISIP 1993 psi.
9/10/08		Pump Change. Updated rod &tubing details.

PERFORATION RECORD

4170-4180'	4 JSPF	40 holes
4684-4700'	4 JSPF	64 holes
4748-4756'	4 JSPF	32 holes
5050-5066'	4 JSPF	64 holes
5074-5092'	4 JSPF	72 holes
5174-5188'	4 JSPF	56 holes
5528-5550'	4 JSPF	88 holes

NEWFIELD

State 11-16-9-16
2129' FSL & 1899' FWL
NESW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33851; Lease # ML-16532

DF 11/7/08

ATTACHMENT E-5

State 12-16-9-16

Spud Date: 04-17-08
Put on Production: 06-10-08
GL: 5950' KB: 5962'

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 7jts (313.7')
DEPTH LANDED: 323'
HOLE SIZE 12-1/4"
CEMENT DATA To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

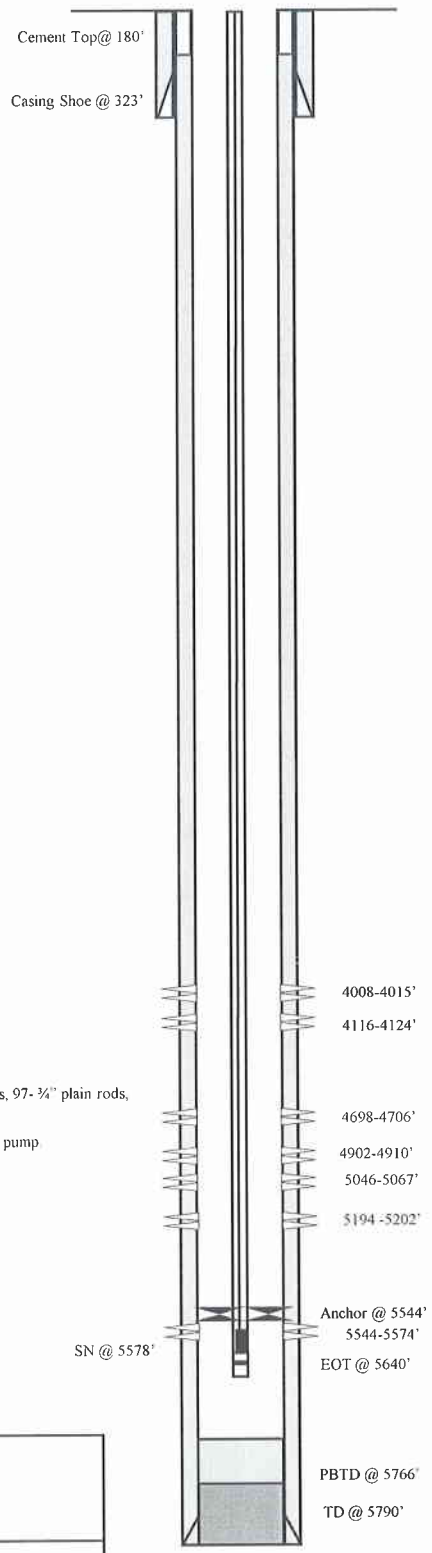
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH 141jts
HOLE SIZE 7-7/8"
DEPTH LANDED 5787.23'
CEMENT DATA 300 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP AT 180'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
NO. OF JOINTS 180jts
TUBING ANCHOR: 2.80 @5543.59'kb
NO. OF JOINTS 1jt
SEATING NIPPLE: 1.10'
SN LANDED AT 5578.11'
NO. OF JOINTS: 2jts (61.90')
TOTAL STRING LENGTH: EOT @ 5640.46'

SUCKER RODS

POLISHED ROD 1-1/2" x 26'
SUCKER RODS 1- 2' x ¾" pony sub, 100- ¾" guided rods, 97- ¾" plain rods, 20- ¾" guided rods, 6- 1 ½" weight rods
PUMP SIZE 1-1/2" x 2-1/2" x 16' x 18' RHAC pump rod pump
STROKE LENGTH 86
PUMP SPEED, SPM 5



FRAC JOB

06-02-08 5544-5574' Frac CP1 sds as follows:
129,858# 20/40 sand in 990 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1557 psi w/ ave rate of 25.7 BPM. ISIP 1756 psi. Actual Flush: 4956 gals.

06-02-08 5194-5202' Frac LODC sds as follows:
40,109# 20/40 sand in 426 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2182 psi w/ ave rate of 26.5 BPM. ISIP 2297 psi. Actual Flush: 4687 gals.

06-02-08 5046-5067' Frac A1 sds as follows:
140,344# 20/40 sand in 1049 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1990 psi w/ ave rate of 28.3 BPM. ISIP 2225 psi. Actual Flush: 4540 gals.

06-02-08 4902-4910' Frac B2 sds as follows:
48,476# 20/40 sand in 464 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1990 psi w/ ave rate of 26.2 BPM. ISIP 2071 psi. Actual Flush: 4456 gals.

06-02-08 4698-4706' Frac D2 sds as follows:
55,518# 20/40 sand in 489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2128 psi w/ ave rate of 26.2 BPM. ISIP 2145 psi. Actual Flush: 4183 gals.

06-02-08 4116-4124' Frac GB4 sds as follows:
22,357# 20/40 sand in 326 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2230 psi w/ ave rate of 24.0 BPM. ISIP 1880 psi. Actual Flush: 3675 gals.

06-02-08 4008-4015' Frac GB2 sds as follows:
17,193# 20/40 sand in 264 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1778 psi w/ ave rate of 24.3 BPM. ISIP 1632 psi. Actual Flush: 3931 gals.

PERFORATION RECORD

4008-4015'	4 JSPF	28 holes
4116-4124'	4 JSPF	32 holes
4698-4706'	4 JSPF	32 holes
4902-4910'	4 JSPF	32 holes
5046-5067'	4 JSPF	84 holes
5194-5202'	4 JSPF	32 holes
5544-5574'	4 JSPF	120 holes

NEWFIELD

State 12-16-9-16
2034' FSL & 504' FWL
NW/SW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33852; Lease #Utah State ML-16532

ATTACHMENT E-6

CP State 32-16

Spud Date: 3-25-82
Put on Production: 8-26-82

Wellbore Diagram

SURFACE CASING

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8-5/8"	24#	255'	12-1/4"	200 sx Class 'G'
5-1/2"	15.5#	5650'	7-7/8"	260 sx 50-50 Poz

Casing Shoe @ 255'

FRAC JOB

5504-5512' and 5526-5554' - Acidized with 2000 gal. 15% HCl with 1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced with 42,000 gal. VER-1400 gelled water with 62,500# 20/40 sand & 10,000# 10/20 sand.

5000-5010' and 4732-4738' - Fraced with 25,000 gal. VER-1400 gelled water with 28,000# of 20/40 sand & 10,000# of 10/20 sand.

4732'-5512'

TUBING

Size: 2 7/8"
Total String Length: EOT 5584'

PERFORATION RECORD

5504-5512' - 2 SPF, 23 gram, 4" gun

5526-5554' - 2 SPF, 23 gram, 4" gun

5000-5010' - 2 SPF, 23 gram, 4" gun

4732-4738' - 2 SPF, 23 gram, 4" gun

EOT @ 5584'

PBTD @ 5620'

TD @ 5650'

NEWFIELD

CP State 32-16
2009' FNL & 1838' FEL
SW/NE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30650; Lease #ML-16532

Attachment E-7

Federal 1-17-9-16

Spud Date: 9-13-06
Put on Production: 11-15-06
GL: 5878' KB: 5890'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 7 jts (311 97')
DEPTH LANDED 323 82' KB
HOLE SIZE 12-1/4"
CEMENT DATA 160 sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

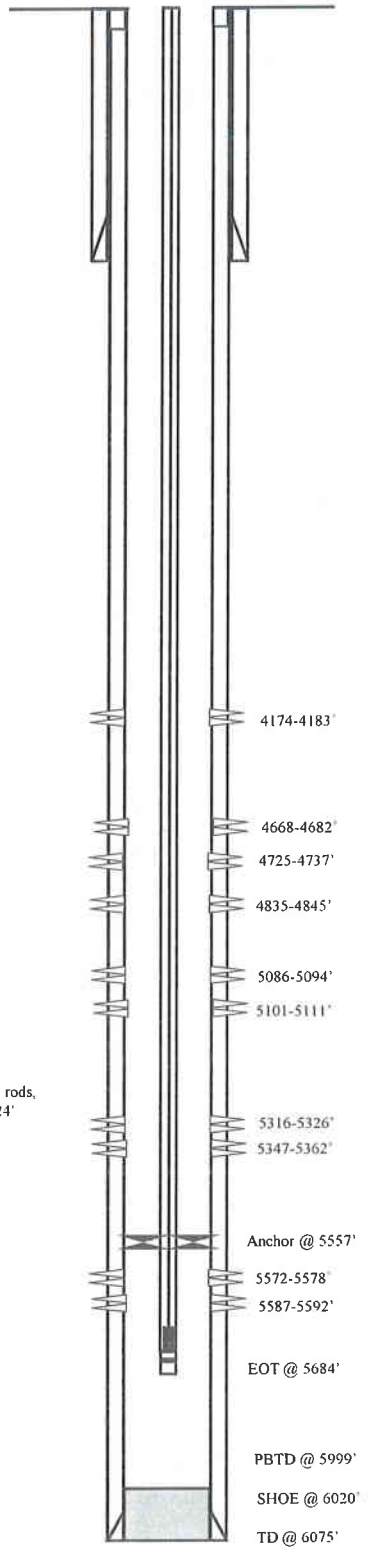
CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15 5#
LENGTH 137 jts (6007 66')
DEPTH LANDED 6020 91' KB
HOLE SIZE 7-7/8"
CEMENT DATA 350 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
CEMENT TOP AT 6'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
NO OF JOINTS 183 jts (5544 7')
TUBING ANCHOR 5556 7' KB
NO OF JOINTS 2 jts (63 1')
SEATING NIPPLE 2-7/8" (1 10')
SN LANDED AT 5622 6' KB
NO OF JOINTS 2 jts (59 6')
TOTAL STRING LENGTH EOT @ 5684' KB

SUCKER RODS

POLISHED ROD 1-1/2" x 26'
SUCKER RODS 99 x ¾" = 2475 guided rods, 107 x ¾" = 2675' sucker rods, 10 x ¾" = 250' guided rods, 6 x 1 ½" = 150' weighted bars, 6 x 1 ½" = 24' stabilizer rod
PUMP SIZE 2-1/2" x 1-1/4" x 12' x 16 RHAC
STROKE LENGTH 86"
PUMP SPEED, SPM 5 SPM



FRAC JOB

11-07-06	5572-5592'	**Frac CP1 sands as follows:** 25276# 20/40 sand in 354 bbls Lightning 17 frac fluid Treated @ avg press of 2000 psi w/avg rate of 25 5 BPM ISIP 2000 psi Calc flush 5107 gal Actual flush 5570 gal
11-07-06	5316-5362'	**Frac LODC sands as follows:** 140563# 20/40 sand in 964 bbls Lightning 17 frac fluid Treated @ avg press of 2425 psi w/avg rate of 25 BPM ISIP 2450 psi Calc flush 4809 gal Actual flush 5314 gal
11-08-06	5086-5111'	**Frac A 1 sands as follows:** 90538# 20/40 sand in 724 bbls Lightning 17 frac fluid Treated @ avg press of psi w/avg rate of BPM ISIP 2190 psi Calc flush 4578 gal Actual flush 5084 gal
11-08-06	4835-4845'	**Frac C sands as follows:** 30222# 20/40 sand in 404 bbls Lightning 17 frac fluid Treated @ avg press of 2105 w/ avg rate of 25 5 BPM ISIP 2060 psi Calc flush 4368 gal Actual flush 4833 gal
11-08-06	4668-4737'	**Frac D1, & D2 sands as follows:** 80170# 20/40 sand in 587 bbls Lightning 17 frac fluid Treated @ avg press of 1932 w/ avg rate of 25 5 BPM ISIP 2090 psi Calc flush 4162 gal Actual flush 4666 gal
11-08-06	4174-4183'	**Frac GB4 sands as follows:** 27661# 20/40 sand in 296 bbls Lightning 17 frac fluid Treated @ avg press of 1800 w/ avg rate of 25 3 BPM ISIP 1818 psi Calc flush 4032 gal Actual flush 4172 gal
4/13/11		Tubing leak Updated rod & tubing detail

PERFORATION RECORD

11-01-06	5587-5592'	4 JSPF	20 holes
11-01-06	5572-5578'	4 JSPF	24 holes
11-07-06	5347-5362'	4 JSPF	60 holes
11-07-06	5316-5326'	4 JSPF	40 holes
11-07-06	5101-5111'	4 JSPF	40 holes
11-07-06	5086-5094'	4 JSPF	32 holes
11-08-06	4835-4845'	4 JSPF	40 holes
11-08-06	4725-4737'	4 JSPF	48 holes
11-08-06	4668-4682'	4 JSPF	56 holes
11-08-06	4174-4183'	4 JSPF	36 holes

NEWFIELD

Federal 1-17-9-16

660' FNL & 660' FEL
NE/NE Section 17-T9S-R16E
Duchesne Co, Utah
API # 43-013-33028; Lease # UTU-64379

VC 5/19/2011

ATTACHMENT E-8

Federal 8-17-9-16

Spud Date: 09/12/06
Put on Production: 11/09/06

K.B.: 5918, G.L.: 5906

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.03')
DEPTH LANDED: 323.45' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

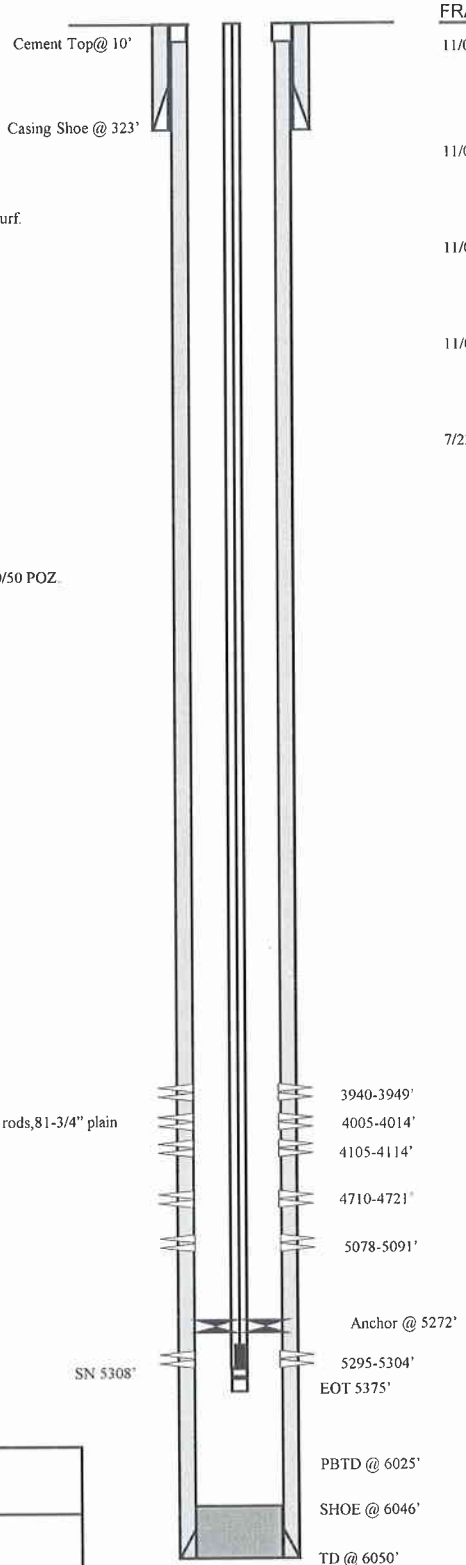
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6032.95')
DEPTH LANDED: 6046.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 10'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 164 jts (5260.26')
TUBING ANCHOR: 5272.26' KB
NO. OF JOINTS: 1 jts (32.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5307.56' KB
NO. OF JOINTS: 2 jts (66.03')
TOTAL STRING LENGTH: EOT @ 5375.14' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8', 2-4' x 3/4" pony rod, 92-3/4"guided rods,81-3/4" plain rods, 30-3/4" scrapered rods, 6-1 ½" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
STROKE LENGTH: 84"
PUMP SPEED, 5 SPM:



FRAC JOB

11/06/06	5295-5304'	**Frac LODC sands as follows:** 30252# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 3045 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 5302 gal. Actual flush: 4767 gal.
11/06/06	4710-4721'	**Frac C sands as follows:** 41525# 20/40 sand in 417bbls Lightning 17 frac fluid. Treated @ avg press of 1996 psi w/avg rate of 25.1BPM. ISIP 1960 psi. Calc flush: 4719 gal. Actual flush 4204 gal.
11/06/06	4105-4114'	**Frac GB4 sands as follows:** 21385# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 1809 psi w/avg rate of 25.8 BPM. ISIP 1610 psi. Calc flush: 4112 gal. Actual flush: 3637 gal.
11/06/06	3940-4014'	**Frac GB2 sands as follows:** 68288# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 25.3 BPM. ISIP 1505 psi. Calc flush: 4012 gal. Actual flush:3822 gal.
7/23/08		HIT Rod & tubing updated.

PERFORATION RECORD

10/25/06	5295-5304'	4 JSPF	36 holes
11/06/06	5078-5091'	4 JSPF	52 holes
11/06/06	4710-4721'	4 JSPF	44 holes
11/06/06	4105-4114'	4 JSPF	36 holes
11/06/06	3940-3949'	4 JSPF	36 holes

NEWFIELD

Federal 8-17-9-16

1944' FNL & 675' FEL

SE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33031; Lease #UTU-64379

TL 9/23/08

ATTACHMENT E-9

Federal 9-17-9-16

Spud Date: 9-11-06
Put on Production: 11-01-06

GL: 5953' KB: 5965'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.22')
DEPTH LANDED: 322.07' KB
HOLE SIZE 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

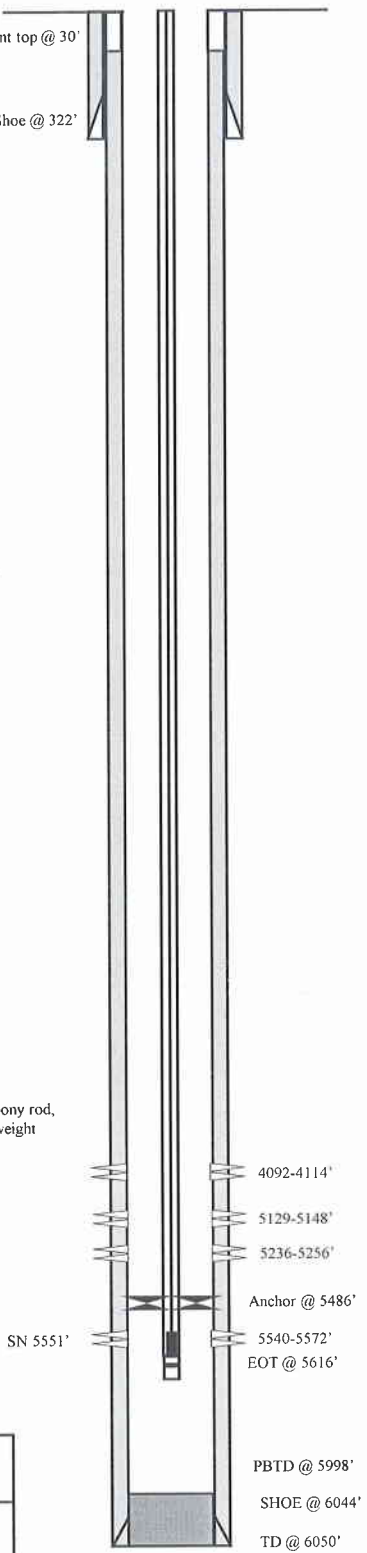
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6032.96')
DEPTH LANDED: 6044.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5485.5')
TUBING ANCHOR: 5485.5' KB
NO. OF JOINTS: 2 jts (63.0')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5551.2' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5616' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1- 2'x ¾" pony rod, 1- 6'x ¾" pony rod, 1- 8'x ¾" pony rod, 99- ¾" guided rods, 86- ¾" guided rods, 30- ¾" guided rods, 6- 1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

10-27-06	5540-5572'	**Frac CP1 sands as follows:** 89695# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1635 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 5040 gal. Actual flush: 5538 gal.
10-27-06	5236-5256'	**Frac LODC sands as follows:** 80345# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 2685 psi w/avg rate of 27.3 BPM. ISIP 2560 psi. Calc flush: 4746 gal. Actual flush: 5234 gal.
10-27-06	5129-5148'	**Frac A 3 sands as follows:** 80324# 20/40 sand in 597 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush: 4923 gal. Actual flush: 4410 gal.
10-27-06	4092-4114'	**Frac GB4 sands as follows:** 38251# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1410 w/ avg rate of 14.3 BPM. ISIP 1490 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.
2/23/07		**Pump Change.** Rod & Tubing detail updated.
05/27/08		updated rod and tubing detail
11/23/09		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

10-17-06	5540-5572'	4 JSPF	128 holes
10-27-06	5236-5256'	4 JSPF	80 holes
10-27-06	5129-5148'	4 JSPF	76 holes
10-27-06	4092-4114'	4 JSPF	88 holes

NEWFIELD

Federal 9-17-9-16

2108' FSL & 636' FEL

NE/SE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33032; Lease # UTU-52018

ML 1-13-10

ATTACHMENT E-

State 13-16-9-16

Spud Date: 4/9/08

Put on Production: 6/18/08
GL: 5959' KB: 5971'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts (313.38')

HOLE SIZE: 12-1/4"

CEMENT DATA: To Surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132jts

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5763.29'

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 177 jts (5460.9')

TUBING ANCHOR: 5472.9'

NO. OF JOINTS: 1jt (31.70')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5507.1'kb

NO. OF JOINTS: 1 jts (31.10')

TOTAL STRING LENGTH: EOT @ 5540

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod

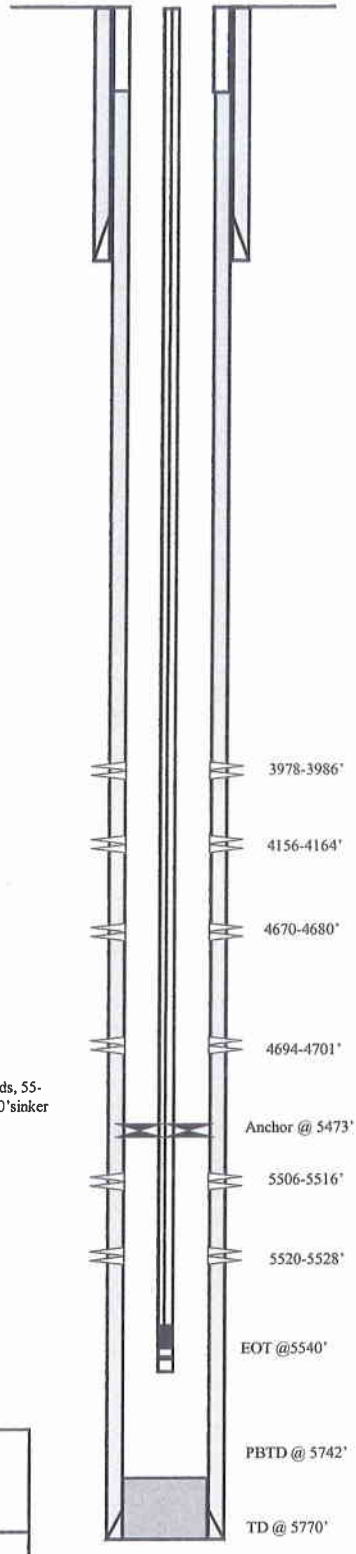
SUCKER RODS: 1 x ¾" = 2' pony rods, 113-3/4" = 2825' guided rods, 55-3/4" = 1375' sucker rods, 41 -3/4" = 1025' guided rods, 6-1 1 ½" = 150'sinker bars

PUMP SIZE: CDI 2-1/2" x 1-1/4" x 12' x 16' RHAC pump

STROKE LENGTH: 100"

PUMP SPEED, SPM: 4

Wellbore Diagram



FRAC JOB

06-06-08 5506-5616' **Frac CP1 sds as follows:**
40,770# 20/40 sand in 426 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1994 psi w/ ave rate of 23.8 BPM. ISIP 2188 psi. Actual Flush: 4914 gals.

06-06-08 4670-4680' **Frac D2 sds as follows:**
40,545# 20/40 sand in 410 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1811 psi w/ ave rate of 23.8 BPM. ISIP 1920 psi. Actual Flush: 4120 gals.

06-06-08 4156-4164' **Frac GB6 sds as follows:**
50,204# 20/40 sand in 438 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1855 psi w/ ave rate of 24.0 BPM. ISIP 1810 psi. Actual Flush: 3692 gals.

06-06-08 3978-3986' **Frac GB2 sds as follows:**
30,226# 20/40 sand in 366 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1552 psi w/ ave rate of 15.6 BPM. ISIP 1587 psi.Actual Flush: 3893 gals.

1/6/09	Tubing Leak. Updated rod & tubing details.
9/30/09	Tubing Leak. Updated rod & tubing
07/24/10	Pump Change. Updated rod & tubing.
4/19/2011	Tubing Leak. Updated rods & tubing.

PERFORATION RECORD

3978-3986'	4 JSPF	32 holes
4156-4164'	4 JSPF	32 holes
4670-4680'	4 JSPF	40 holes
4694-4701'	4 JSPF	28 holes
5506-5516'	4 JSPF	40 holes
5520-5528'	4 JSPF	32 holes

NEWFIELD

State 13-16-9-16
652' FSL & 524' FWL
SW/SW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33853; Lease #Utah State ML-16532

VC 5/19/2011

ATTACHMENT E

GMB 3-16-9-16H Wellbore Diagram

NEWFIELD ROCKY MOUNTAINS

Surface Location: NE/NW, Sec 16, T9S R16E
County/State: Greater Monument Butte, Duchesne County, Utah
Elevation: 5847' GL + 12' KB. API: 43-013-50441

Wellhead

8-5/8" Casing Shoe 1,025

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbl/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4.892	4.767	0.0233	7-7/8"	Port Collar: 5,654'md to Surface
Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4.000	3.875	0.0155	6-1/8"	

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints

TBG DETAIL:
sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger.
TA @5,870'. SN @ 5,903'. EOT @ 6,052'
NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs–4.625" OD)

WELLBORE FLUIDS
Lateral section fluid= +-8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom

Pump and Rod Detail:
Weatherford MacGyver 1 3/4" x 28' rod pump, stabalizer sub, on/off tool, stabalizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod

NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.

Proposed Frac Data	Top	Bottom	Packers Plus 12 Stage StackFrac HD Stimulation Liner	Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1.000" Seat for 1.250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD			
Stage 1	10,087	10,249	Dual Hydraulic Frac Port: Depth 10,150 / Ball OD (in.) NA / Seat ID (in.) NA / Vol. to Seat (bbl 204.33 / Actual Vol. (bbl) NA / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	0 0	1,903
OH Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal IIS 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 2	9,682	10,002	FracPort 2: Depth 9,841 / Ball OD (in.) 2.125 / Seat ID (in.) 2.000 / Vol. to Seat (bbl 199.39 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	34,144 30,760	2,342
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 3	9,914	9,677	FracPort 3: Depth 9,617 / Ball OD (in.) 2.250 / Seat ID (in.) 2.125 / Vol. to Seat (bbl 194.37 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	36,389 18,835	2,775
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 4	9,035	9,354	FracPort 4: Depth 9,193 / Ball OD (in.) 2.375 / Seat ID (in.) 2.250 / Vol. to Seat (bbl 189.36 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	7,548 0	2,716
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 5	8,710	9,030	FracPort 5: Depth 8,869 / Ball OD (in.) 2.500 / Seat ID (in.) 2.375 / Vol. to Seat (bbl 184.35 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	28,177 36,211	4,118
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 6	8,386	8,705	FracPort 6: Depth 8,544 / Ball OD (in.) 2.625 / Seat ID (in.) 2.500 / Vol. to Seat (bbl 179.32 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	37,277 30,591	3,907
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 7	8,066	8,381	FracPort 7: Depth 8,220 / Ball OD (in.) 2.750 / Seat ID (in.) 2.625 / Vol. to Seat (bbl 174.30 / Actual Vol. (bbl) / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	32,229 21,643	2,784
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 8	7,743	8,061	FracPort 8: Depth 7,901 / Ball OD (in.) 2.875 / Seat ID (in.) 2.750 / Vol. to Seat (bbl 169.37 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	35,076 30,420	3,706
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 9	7,418	7,738	FracPort 9: Depth 7,577 / Ball OD (in.) 3.000 / Seat ID (in.) 2.875 / Vol. to Seat (bbl 164.35 / Actual Vol. (bbl) / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	30,308 14,314	2,777
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 10	6,768	7,413	FracPort 10: Depth 7,252 / Ball OD (in.) 3.125 / Seat ID (in.) 3.000 / Vol. to Seat (bbl 159.32 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	25,505 3,467	1,869
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 11	6,768	7,088	FracPort 11: Depth 6,927 / Ball OD (in.) 3.250 / Seat ID (in.) 3.125 / Vol. to Seat (bbl 169.37 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	37,984 36,949	2,804
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Stage 12	6,445	6,763	FracPort 11: Depth 6,601 / Ball OD (in.) 3.375 / Seat ID (in.) 3.250 / Vol. to Seat (bbl 154.29 / Actual Vol. (bbl) 0.00 / Difference (bbl) / Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	31,284 21,198	2,755
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
OH Anchor/Packer	5,451	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)			Total Fluid
Rockseal II Packer	5,372	5,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)			34,456
						(bbl)

Lat Length	3,804	
Total Stim. Lateral	3,804	
Avg. Stage Length	317	*between packers

Sand Total		
580,309	100 mesh sand	335,921
	30/50 mesh sand	244,388
	# sand per foot of lateral	153

WFD port Collar 5,355

KOP 5,400

OH Anchor/Packer 5,451

OH Anchor/Packer 5,372

5.5"x4.5X XO 5,993

12 11 10 9 8 7 6 5 4 3 2 1

MD TD 10,259
TVD TD 6,011

ATTACHMENT F

1 of 4

Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **south wells draw IF**
Sample Point: **tank**
Sample Date: **1 /7 /2011**
Sales Rep: **Monty Frost**
Lab Tech: **Peter Poulsen**

Sample ID: **WA-53132**

Sample Specifics

Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0006
pH:	7.25
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5345
Molar Conductivity (µS/cm):	8099
Resitivity (Mohm):	1.2347

Analysis @ Properties in Sample Specifics

Cations	mg/L
Calcium (Ca):	31.62
Magnesium (Mg):	15.12
Barium (Ba):	8.18
Strontium (Sr):	-
Sodium (Na):	1897.00
Potassium (K):	-
Iron (Fe):	0.12
Manganese (Mn):	0.02
Lithium (Li):	-
Aluminum (Al):	-
Ammonia NH_3 :	-

Anions	mg/L
Chloride (Cl):	2500.00
Sulfate (SO_4):	88.00
Dissolved CO_2 :	-
Bicarbonate (HCO_3):	805.00
Carbonate (CO_3):	-
H_2S:	-
Phosphate (PO_4):	-
Silica (SiO_2):	-
Fluoride (F):	-
Nitrate (NO_3):	-
Lead (Pb):	-
Zinc (Zn):	-
Bromine (Br):	-
Boron (B):	-

Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate $CaCO_3$		Gypsum $CaSO_4 \cdot 2H_2O$		Calcium Sulfate $CaSO_4$		Strontium Sulfate $SrSO_4$		Barium Sulfate $BaSO_4$		Calculated CO_2
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		*0.76*	*-0.74*	*0.00*	*-1872.00*	*0.00*	*-1990.00*	-	-	*28.50*	*13.37*	*1.25*
80	0	0.55	-1.54	0.00	-5.19	0.00	-2126.70	-	-	43.03	13.55	0.57
100	0	0.76	-0.74	0.00	-3.25	0.00	-1990.00	-	-	28.50	13.37	0.70
120	0	0.98	-0.06	0.00	-1.85	0.00	-1792.60	-	-	19.32	13.12	0.79
140	0	1.22	0.57	0.00	-0.80	0.00	-1562.50	-	-	13.37	12.78	0.89
160	0	1.47	1.15	0.00	0.01	0.00	-1323.40	-	-	9.43	12.32	1.01
180	0	1.72	1.70	0.00	0.63	0.01	-1092.60	-	-	6.77	11.71	1.11
200	0	1.96	2.21	0.01	1.12	0.01	-881.65	-	-	4.94	10.90	1.13
220	2.51	2.16	2.69	0.01	1.48	0.01	-703.26	-	-	3.59	9.80	1.14
240	10.3	2.34	3.11	0.01	1.72	0.02	-544.83	-	-	2.67	8.45	1.17
260	20.76	2.48	3.47	0.01	1.84	0.02	-413.16	-	-	2.01	6.73	1.19
280	34.54	2.59	3.76	0.01	1.86	0.04	-306.03	-	-	1.53	4.58	1.22
300	52.34	2.65	3.95	0.01	1.79	0.06	-220.34	-	-	1.17	1.91	1.25

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Notes:

ATTACHMENT F

2 of 4

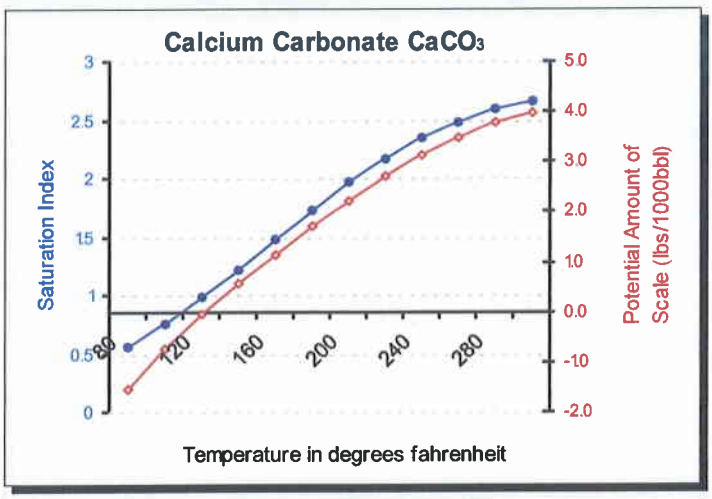
Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

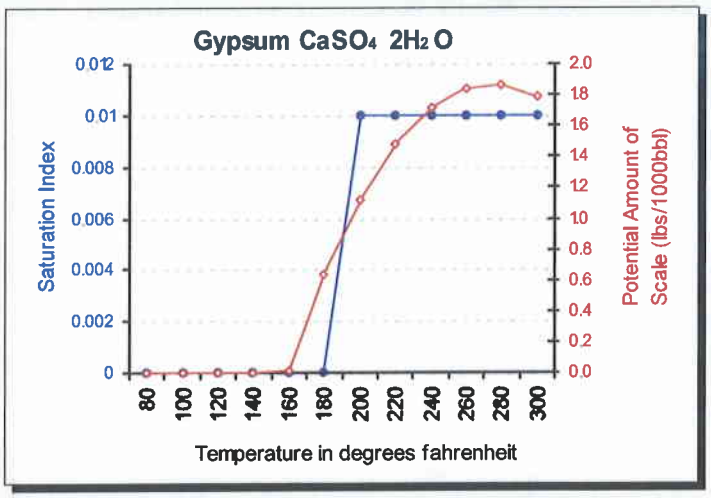
multi-chem®

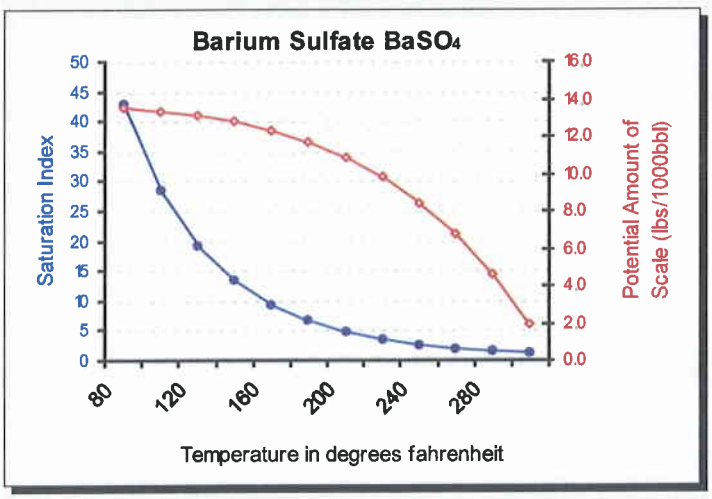
Scale Prediction Graphs

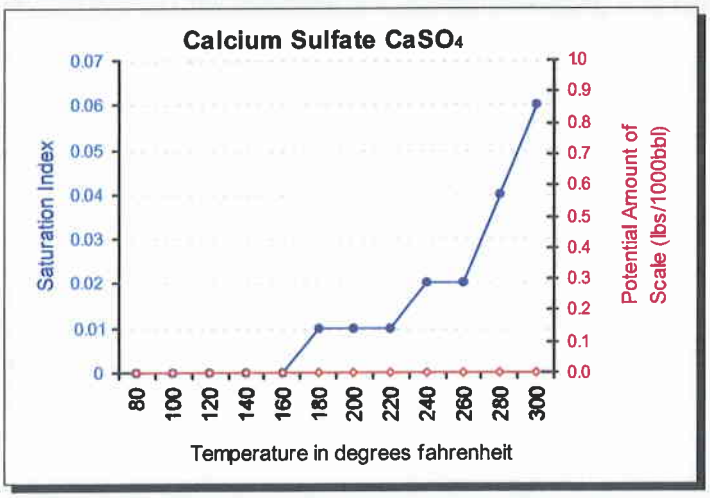
Well Name: **south wells draw IF**

Sample ID: **WA-53132**









Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **5-16-9-16**
Sample Point: **Treater**
Sample Date: **5 /16/2011**
Sales Rep: **Darren Betts**
Lab Tech: **John Keel**

Sample ID: **WA-58625**

Sample Specifics

Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0160
pH:	8.5
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	22593
Molar Conductivity (µS/cm):	34232
Resitivity (Mohm):	0.2921

Analysis @ Properties in Sample Specifics

Cations	mg/L	Anions	mg/L
Calcium (Ca):	11.60	Chloride (Cl):	13000.00
Magnesium (Mg):	6.60	Sulfate (SO_4):	17.00
Barium (Ba):	10.00	Dissolved CO_2:	-
Strontium (Sr):	-	Bicarbonate (HCO_3):	927.20
Sodium (Na):	8620.00	Carbonate (CO_3):	-
Potassium (K):	-	H_2S:	0.50
Iron (Fe):	0.30	Phosphate (PO_4):	-
Manganese (Mn):	0.04	Silica (SiO_2):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO_3):	-
Ammonia NH_3:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl

Test Conditions		Calcium Carbonate $CaCO_3$		Gypsum $CaSO_4 \cdot 2H_2O$		Calcium Sulfate $CaSO_4$		Strontium Sulfate $SrSO_4$		Barium Sulfate $BaSO_4$		Calculated CO_2
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
70		*1.74*	*7.85*	*0.00*	*-3119.00*	*0.00*	*-3567.50*	-	-	*6.78*	*13.06*	*0.09*
80	0	2.04	9.96	0.00	-3152.50	0.00	-3520.40	-	-	5.36	12.19	0.03
100	0	2.60	12.72	0.00	-3185.70	0.00	-3325.00	-	-	3.58	10.30	0.04
120	0	3.00	13.98	0.00	-2969.60	0.00	-3030.40	-	-	2.54	8.23	0.05
140	0	3.22	14.33	0.00	-2751.10	0.00	-2679.00	-	-	1.83	5.81	0.06
160	0	3.22	13.97	0.00	-2571.90	0.00	-2307.50	-	-	1.33	3.01	0.07
180	0	3.04	12.98	0.00	-2425.30	0.00	-1944.10	-	-	0.98	-0.19	0.08
200	0	2.73	11.42	0.00	-2306.30	0.00	-1607.60	-	-	0.73	-3.82	0.08
220	2.51	2.34	9.36	0.00	-2239.80	0.00	-1325.40	-	-	0.54	-8.30	0.08
240	10.3	1.98	7.10	0.00	-2167.20	0.00	-1065.60	-	-	0.40	-13.06	0.08
260	20.76	1.65	4.84	0.00	-2112.30	0.00	-846.48	-	-	0.31	-18.43	0.09
280	34.54	1.36	2.74	0.00	-2073.70	0.00	-665.41	-	-	0.23	-24.50	0.09
300	52.34	1.11	0.89	0.00	-2050.30	0.00	-518.29	-	-	0.18	-31.38	0.09

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate NO CONCLUSION

Notes:

P=0.9

ATTACHMENT F

4084

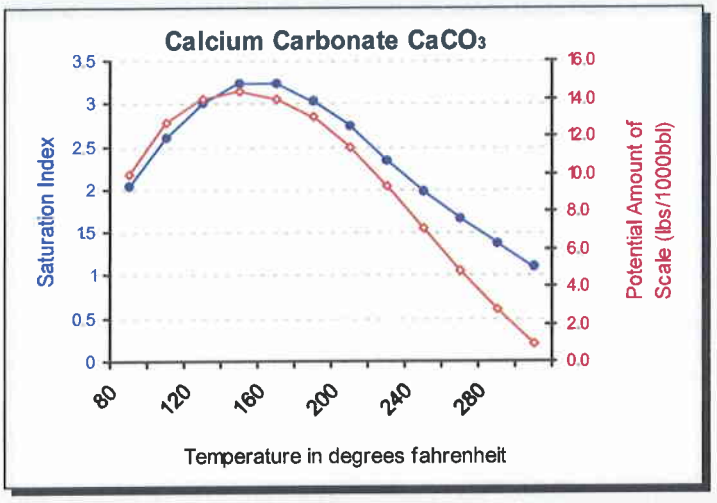
Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

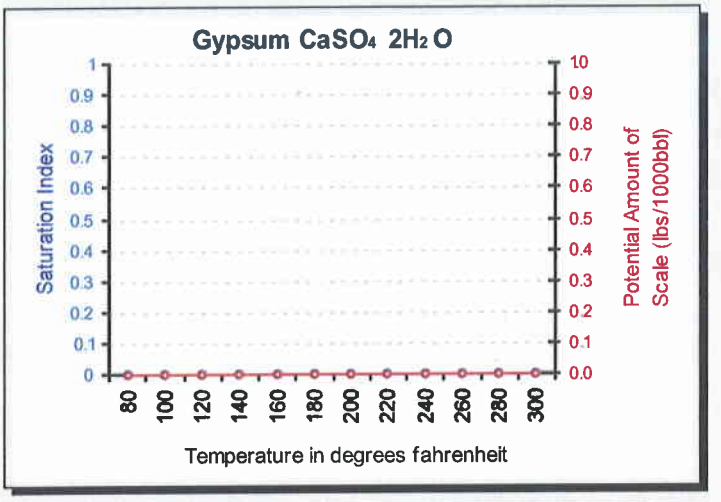
multi-chem®

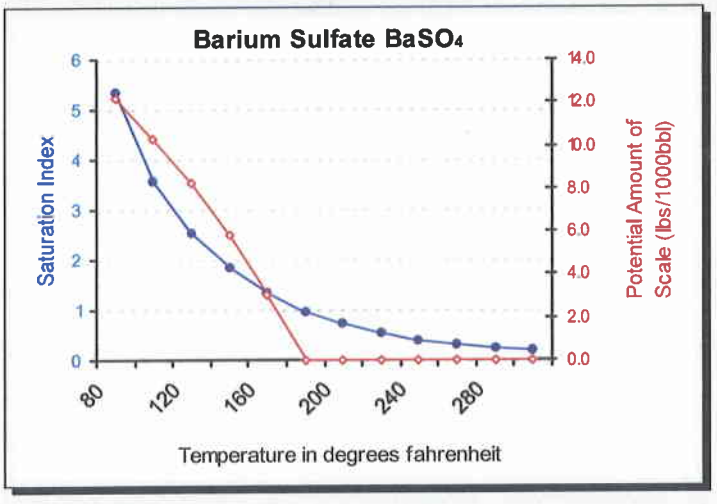
Scale Prediction Graphs

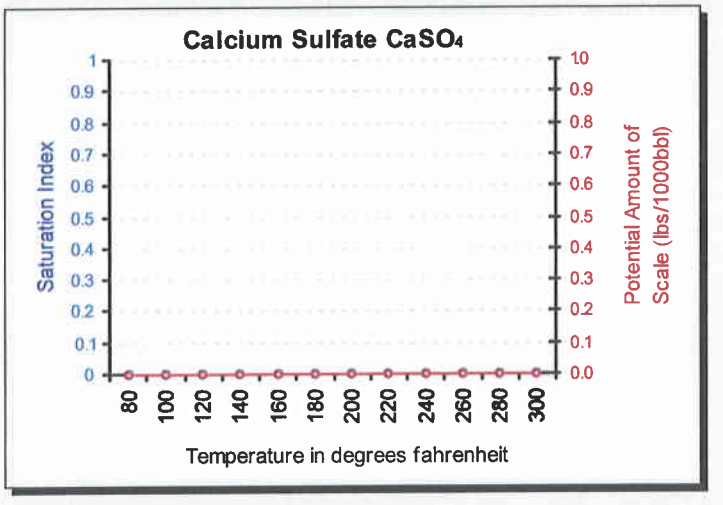
Well Name: **5-16-9-16**

Sample ID: **WA-58625**









Attachment "G"

State #5-16-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5698	5706	5702	2046	0.79	2009
5334	5342	5338	2165	0.84	2130
5080	5091	5086	2582	0.94	2549
4968	4974	4971	2959	1.03	2927
4778	4785	4782	2279	0.91	2248
4170	4182	4176	1929	0.90	1902 ←
				Minimum	1902

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

NEWFIELD

ATTACHMENT G-1
1 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/6/2008 **Day:** 1

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/2/2008 **SITP:** **SICP:** 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5757' & cement top @ 70'. Perforate stage #1, CP3 sds @ 5698-5706' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120) w/ 4 spf for total of 32 shots. 136 BWTR. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 136 Starting oil rec to date:

Fluid lost/recovered today: 0 Oil lost/recovered today:

Ending fluid to be recovered: 136 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

COSTS

Weatherford BOP	$540
NPC NU crew	$300
NDSI trucking	$800
Perforators LLC	$6,113
Drilling cost	$370,183
D&M Hot Oil	$360
Location preparation	$300
NPC wellhead	$1,500
Benco - anchors	$1,200
Admin. Overhead	$4,000
NPC Supervision	$300
DAILY COST:	$385,596
TOTAL WELL COST:	$385,596

NEWFIELD

ATTACHMENT G-1
2 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/8/2008 **Day:** 2a

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 **SITP:** **SICP:** 0 psi

Day 2a. Stage #1, CP3 sands.
RU BJ Services. 0 psi on well. Frac CP3 sds w/ 34,586#'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Broke @ 3030 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1941 ps @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2046 psi. Leave pressure on well 570 BWTR See Day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 136 Starting oil rec to date:

Fluid lost/recovered today: 434 Oil lost/recovered today:

Ending fluid to be recovered: 570 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: CP3 sands

780 gals of pre-pad of 4% Techni-Hib 767W
904 gals of flush spacer
3300 gals of pad
2431 gals W/ 1-4 ppg of 20/40 sand
4890 gals W/ 4-6.5 ppg of 20/40 sand
211 gals W/ 6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 5191 gals of slick water.
Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2188 Max Rate: 23.3 BPM Total fluid pmpd: 434 bbls

Avg TP: 1941 Avg Rate: 23.2 BPM Total Prop pmpd: 34,586#'s

ISIP: 2046 5 min: 10 min: FG: .79

Completion Supervisor: Orson Barney

COSTS

BJ Services-CP3	$22,316
CD wtr & trucking	$896
NPC fuel gas	$140
Weatherford tools/serv	$1,250
NPC trucking	$300
NPC supervision	$50
DAILY COST:	$24,952
TOTAL WELL COST:	$410,548

NEWFIELD

ATTACHMENT G-1
3 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/8/2008 **Day:** 2b

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5440'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 **SITP:** **SICP:** 1674 psi

Day 2b. Stage #2, LODC sands.
RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun Set plug @ 5440'. Perforate LODC sds @ 5334-42' w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU B. Services. 1674 psi on well. Frac LODC sds w/ 24,721#'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Broke @ 1889 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2425 ps @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2165 psi. Leave pressure on well 918 BWTR See Day 2c.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	570	Starting oil rec to date:	
Fluid lost/recovered today:	348	Oil lost/recovered today:	
Ending fluid to be recovered:	918	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC sands

780 gals of pre-pad of 4% Techni-Hib 767W
354 gals of flush spacer
2500 gals of pad
1915 gals W/ 1-4 ppg of 20/40 sand
3746 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4830 gals of slick water.

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2608 Max Rate: 23.6 BPM Total fluid pmpd: 348 bbls

Avg TP: 2425 Avg Rate: 23.2 BPM Total Prop pmpd: 24,721#'s

ISIP: 2165 5 min: 10 min: FG: .84

Completion Supervisor: Orson Barney

COSTS

BJ Services-LODC	$7,157
CD wtr & trucking	$640
NPC fuel gas	$100
Weatherford tools/serv	$2,450
Lone Wolf WL	$3,137
NPC supervision	$50
DAILY COST:	$13,534
TOTAL WELL COST:	$424,082

NEWFIELD

ATTACHMENT G-1
4 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/8/2008 **Day:** 2c

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5180'

BP: 5440'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 **SITP:** **SICP:** 1708 psi

Day 2c. Stage #3, A.5 sands.
RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' per gun. Set plug @ 5180'. Perforate A.5 sds @ 5080- 91' w/ 3-1/8" Slick Guns w/ 4 spf for total of 44 shots. RU B. Services. 1708 psi on well. Frac A.5 sds w/ 84,098#'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Broke @ 395 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2065 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2582 psi. Leave pressure on well. 158 BWTR See Day 2d.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 918 Starting oil rec to date:

Fluid lost/recovered today: 666 Oil lost/recovered today:

Ending fluid to be recovered: 1584 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A.5 sands

780 gals of pre-pad of 4% Techni-Hib 767W

812 gals of flush spacer

6400 gals of pad

4319 gals W/ 1-5 ppg of 20/40 sand

8622 gals W/ 5-8 ppg of 20/40 sand

1957 gals W/ 8ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4578 gals of slick water.

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2336 Max Rate: 23.8 BPM Total fluid pmpd: 666 bbls

Avg TP: 2065 Avg Rate: 23.2 BPM Total Prop pmpd: 84,098#'s

ISIP: 2582 5 min: 10 min: FG: .94

Completion Supervisor: Orson Barney

COSTS

BJ Services-A.5	$17,980
CD wtr & trucking	$2,112
NPC fuel gas	$330
Weatherford tools/serv	$2,450
Lone Wolf WL	$4,313
NPC supervision	$50
DAILY COST:	$27,235
TOTAL WELL COST:	$451,317

NEWFIELD

ATTACHMENT G-1
5 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/8/2008 **Day:** 2d

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5040'

BP: 5180', 5440'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 SITP: SICP: 1921 psi

Day 2d. Stage #4, B2 sands.
RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun Set plug @ 5040'. Perforate B2 sds @ 4968- 74' w/ 3-1/8" Slick Guns w/ 4 spf for total of 24 shots. RU BJ Services 1921 psi on well. Frac B2 sds w/ 24,764#'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Broke @ 3710 psi Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3365 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2959 psi. Leave pressure on well. 1938 BWTR See Day 2e.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1584 Starting oil rec to date:

Fluid lost/recovered today: 354 Oil lost/recovered today:

Ending fluid to be recovered: 1938 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: B2 sands

780 gals of pre-pad of 4% Techni-Hib 767W

1252 gals of flush spacer

2500 gals of pad

1915 gals W/ 1-4 ppg of 20/40 sand

3448 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4465 gals of slick water.

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 3788 Max Rate: 23.7 BPM Total fluid pmpd: 354 bbls

Avg TP: 3365 Avg Rate: 23.3 BPM Total Prop pmpd: 24,764#'s

ISIP: 2959 5 min: 10 min: FG: 1.03

Completion Supervisor: Orson Barney

COSTS

BJ Services-B2	$7,084
CD wtr & trucking	$640
NPC fuel gas	$100
Weatherford tools/serv	$2,450
Lone Wolf WL	$2,353
NPC supervision	$50
DAILY COST:	$12,677
TOTAL WELL COST:	$463,994

NEWFIELD

ATTACHMENT G-1
6 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/8/2008 **Day:** 2e

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4880'

BP: 5040', 5180', 5440'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4778-4785'	4/28			
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 **SITP:** **SICP:** 1452 psi

Day 2e. Stage #5, D2 sands.
RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun Set plug @ 4880'. Perforate D2 sds @ 4778- 85' w/ 3-1/8" Slick Guns w/ 4 spf for total of 28 shots. RU BJ Services 1452 psi on well. Frac D2 sds w/ 24,664#'s of 20/40 sand in 341 bbls of Lightning 17 fluid. Broke @ 3618 psi Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1975 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1906 psi. Leave pressure on well. 2279 BWTR See Day 2f.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1938 Starting oil rec to date:

Fluid lost/recovered today: 341 Oil lost/recovered today:

Ending fluid to be recovered: 2279 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: D2 sands

780 gals of pre-pad of 4% Techni-Hib 767W

987 gals of flush spacer

2500 gals of pad

1915 gals W/ 1-4 ppg of 20/40 sand

3369 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4271 gals of slick water.

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2145 Max Rate: 23.6 BPM Total fluid pmpd: 341 bbls

Avg TP: 1975 Avg Rate: 23.2 BPM Total Prop pmpd: 24,664#'s

ISIP: 1906 5 min: 10 min: FG: .83

Completion Supervisor: Orson Barney

COSTS

BJ Services-D2	$7,120
CD wtr & trucking	$640
NPC fuel gas	$100
Weatherford tools/serv	$2,450
Lone Wolf WL	$2,745
NPC supervision	$50
DAILY COST:	$13,105
TOTAL WELL COST:	$477,099

NEWFIELD

ATTACHMENT G-1 7 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/8/2008 **Day:** 2f

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4280'

BP: 4880', 5040', 5180', 5440'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4170-4182'	4/48			
D2 sds	4778-4785'	4/28			
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/7/2008 **SITP:** **SICP:** 1466 psi

Day 2f. Stage #6, GB4 sands.
RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' per gun. Set plug @ 4280'. Perforate GB4 sds @ 4170- 82' w/ 3-1/8" Slick Guns w/ 4 spf for total of 48 shots. RU B. Services. 1466 psi on well. Frac GB4 sds w/ 59,402#'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Broke @ 3066 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1805 psi @ ave rate of 23.3 BPM. ISIP 1929 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 7 1/2 hrs & died Rec. 430 BTF. SIWFN w/ 2360 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2279 Starting oil rec to date:

Fluid lost/recovered today: 81 Oil lost/recovered today:

Ending fluid to be recovered: 2360 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB4 sands

780 gals of pre-pad of 4% Techni-Hib 767W

707 gals of flush spacer

5000 gals of pad

3319 gals W/ 1-5 ppg of 20/40 sand

6622 gals W/ 5-8 ppg of 20/40 sand

2602 gals W/ 8 ppg of 20/40 sand

Flush W/ 4116 gals of slick water.

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2030 Max Rate: 23.5 BPM Total fluid pmpd: 511 bbls

Avg TP: 1805 Avg Rate: 23.3 BPM Total Prop pmpd: 59,402#'s

ISIP: 1929 5 min: 10 min: FG: .90

Completion Supervisor: Orson Barney

COSTS

BJ Services-GB4	$22,572
CD wtr & trucking	$1,472
NPC fuel gas	$230
Weatherford tools/serv	$2,450
Lone Wolf WL	$4,705
NPC supervision	$50
NPC flowback hand	$400
TPS- new J-55 tbg	$26,478
Unichem chemicals	$300
Monks pit reclaim	$5,000
NPC sfc equipment	$150,000
Boren welding/labor	$19,500
NDSI wtr disposal	$8,500
DAILY COST:	$241,657
TOTAL WELL COST:	$718,756

NEWFIELD

ATTACHMENT G-1

8 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/9/2008 **Day:** 3

Operation: Completion **Rig:** Leed 712

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5757' WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4870' BP/Sand PBTD:

BP: 4880', 5040', 5180', 5440'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4170-4182'	4/48			
D2 sds	4778-4785'	4/28			
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/8/2008 **SITP:** **SICP:** 100 psi

MIRU Leed rig 712. 100 psi on well. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP Talley PU & RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" J- 55 tbg. Tagged sand @4259'. RU Nabors power swivel Circulate sand & drill out plugs. Sand @ 4259', Plug @ 4280', Drilled up in 40 mins, Tagged sand @ 4625', Circulate clean down to plug @ 4880'. SIWFN w/ 2335 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2360 Starting oil rec to date:

Fluid lost/recovered today: 25 Oil lost/recovered today:

Ending fluid to be recovered: 2335 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Leed rig 712	$5,332
Weatherford BOP	$180
NPC wtr & trucking	$400
Nabors power swivel	$750
NDSI trucking	$600
NPC supervision	$300
NPC location cleanup	$300
Mt west sanitation	$300
DAILY COST:	$8,162
TOTAL WELL COST:	$726,918

Completion Supervisor: Orson Barney

NEWFIELD

ATTACHMENT G-1
9 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/13/2008 **Day:** 4

Operation: Completion **Rig:** Leed 712

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5799'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5680' BP/Sand PBTD: 5799'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4170-4182'	4/48			
D2 sds	4778-4785'	4/28			
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/12/2008 **SITP:** 25 **SICP:** 25 psi

25 psi on well. Bleed off pressure. Continue to clean out sand & drill out plugs. Plug @ 4880' (Drilled out in 18 mins). Tagged sand @ 5032', Plug @ 5040' (Drilled out in 28 mins), Tagged sand @ 5146', Plug @ 5180' (Drilled up in 23 mins). Tagged plug @ 5440', (Drilled up in 19 mins). Tagged fill @ 5657'. C/O to PBTD @ 5799'. RD power swivel. LD 2 jts of tbg. EOT @ 5738'. RU swab equipment. IFL @ sfc. Made 14 runs. Rec 150 BTF. FFL @ 1200' Trace of oil, No sand. RD swab equipment. TIH w/ tbg. Tagged sand @ 5754'. Circulate clean down to PBTD @ 5799'. LD 4 jts of tbg. EOT 5680'. SIWFN w/ 2280 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2335	Starting oil rec to date:	
Fluid lost/recovered today:	55	Oil lost/recovered today:	
Ending fluid to be recovered:	2280	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Leed rig 712	$5,983
Weatherford BOP	$180
NPC wtr & trucking	$400
Nabors power swivel	$750
CDI TA	$525
NPC supervision	$300
CDI SN	$80
DAILY COST:	$8,218
TOTAL WELL COST:	$735,136

Completion Supervisor: Orson Barney

NEWFIELD

ATTACHMENT G-1
10 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/14/2008 **Day:** 5

Operation: Completion **Rig:** Leed 712

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5799'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5508' BP/Sand PBTD: 5799'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4170-4182'	4/48			
D2 sds	4778-4785'	4/28			
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/13/2008 **SITP:** 25 **SICP:** 25 psi

25 psi on well. Bleed off pressure. TOH w/ tbg. LD bit & bit sub. PU & RIH w/ production tbg as follows: BP, 4- jts 2 7/8" nipple, PBGA, 1- jt, SN, 2-jts, TA, 168 jts of 2 7/8" J-55 tbg. ND BOP, Set TA w/ 15,000#'s of tension @ 5280' Land tbg on flange. NU WH. Prime up rod pump. PU & RIH w/ follow: CDI: 2 1/2" X 1 1/2" X 18' RHAC, 6- 1 1/2" wt bars, 20- 3/4" guided rods, 93- 3/4" plain rods, 94- 3/4" guided rods, 1-2' X 3/4" sub, 1 1/2" X 26' Polish rod. Space ou rods. 2280 BWTR. Left well down due to surface equipment, Final report will follow.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2280 Starting oil rec to date:

Fluid lost/recovered today: Oil lost/recovered today:

Ending fluid to be recovered: Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

	PRODUCTION TBG DETAIL	PRODUCTION ROD DETAIL
KB	12.00'	1 1/2" x 26' polished rod
168	2 7/8" tbg J-55 (5268.08')	1- 2' x 3/4" pony sub
	TA 2.80' @ 5280.08' KB	94- 3/4" guided rods
2	2 7/8" tbg (62.63')	93- 3/4" plain rods
	SN 1.10' @ 5345.51'	20- 3/4" guided rods
1	2 7/8" tbg (30.42')	6- 1 1/2" weight bars
	PBGA 5.22' @ 5377.03'	2 1/2" X 1 1/2" x 16' x 18'
	2 7/8" Nipple 0.50'	RHAC pump
4	2 7/8" tbg (124.81')	
	2 7/8" BP & collar 0.75'	
	EOT @ 5508.31' w/ 12' KB	

COSTS

Leed rig 712	$5,947
CDI rods pump	$1,450
Circ head rubber	$500
NPC frc tnks(8X5dys)	$1,600
NPC swb tnk(1X5dys)	$200
NPC supervision	$300
NPC frac head	$500
"A" grade rod string	$13,428
DAILY COST:	$23,925
TOTAL WELL COST:	$759,061

Completion Supervisor: Orson Barney

NEWFIELD

ATTACHMENT G-1
11 of 11

DAILY COMPLETION REPORT

WELL NAME: State 5-16-9-16 **Report Date:** 5/14/2008 **Day:** 6

Operation: Completion **Rig:**

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5820' Csg PBTD: 5799'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5508' BP/Sand PBTD: 5799'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4170-4182'	4/48			
D2 sds	4778-4785'	4/28			
B2 sds	4968-4974'	4/24			
A.5 sds	5080-5091'	4/44			
LODC	5334-5342'	4/32			
CP3 sds	5698-5706'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/14/2008 **SITP:** **SICP:**

Complete flow line ty in. Adjust tag. PWOP @ 1:00 pm w/ 74" SL & 5 SPM. Final report.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 2280 Starting oil rec to date:

Fluid lost/recovered today: Oil lost/recovered today:

Ending fluid to be recovered: 2280 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

	PRODUCTION TBG DETAIL	PRODUCTION ROD DETAIL
KB	12.00'	1 1/2" x 26' polished rod
168	2 7/8" tbg J-55 (5268.08')	1- 2' x 3/4" pony sub
	TA 2.80' @ 5280.08' KB	94- 3/4" guided rods
2	2 7/8" tbg (62.63')	93- 3/4" plain rods
	SN 1.10' @ 5345.51'	20- 3/4" guided rods
1	2 7/8" tbg (30.42')	6- 1 1/2" weight bars
	PBGA 5.22' @ 5377.03'	2 1/2" X 1 1/2" x 16' x 18'
	2 7/8" Nipple 0.50'	RHAC pump
4	2 7/8" tbg (124.81')	
	2 7/8" BP & collar 0.75'	
	EOT @ 5508.31' w/ 12' KB	

COSTS

NPC supervision	$300
DAILY COST:	$300
TOTAL WELL COST:	$759,361

Completion Supervisor: Orson Barney

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4120'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	180' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 43 sx Class "G" cement down 5 ½" casing to 374'

The approximate cost to plug and abandon this well is $42,000.

ATTACHMENT H-1

State 5-16-9-16

Spud Date: 04-07-08
Put on Production: 05-14-08
GL: 5922' KB: 5934'

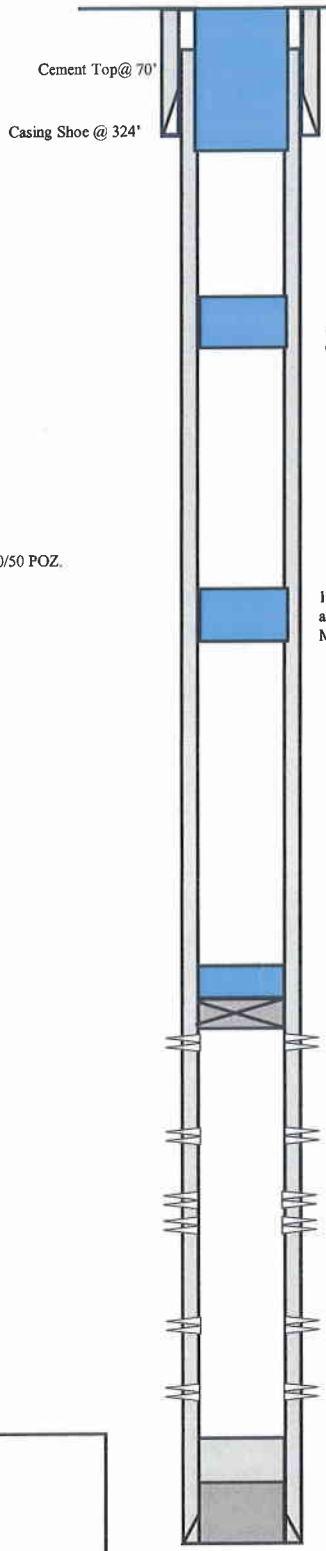
SURFACE CASING

CSG SIZE: 8-7/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.48')
DEPTH LANDED: 324'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139jts. (5807.48')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5825'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 70'

Propose P&A
Wellbore Diagram



NEWFIELD

State 5-16-9-16
2043' FNL & 758' FWL
SWNW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33849; Lease #Utah State ML-16532

JL 8/9/2011

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31,2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
UTAH STATE ML-16532

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STATE 5-16-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333849

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2043 FNL 758 FWL

SWNW Section 16 T9S R16E

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☒ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

RECEIVED
SEP 07 2011
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Jill Loyle

Title
Regulatory Technician

Signature

Date
09/01/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune | MEDIAOne of Utah | Deseret News

PROOF OF PUBLICATION | CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	10/10/2011

RECEIVED OCT 18 2011 DIV. OF OIL, GAS & MINING

22-116

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	**ADORDER# / INVOICE NUMBER**
8015385340	0000732138 /
SCHEDULE	
Start 10/08/2011	End 10/08/2011
CUST. REF. NO.	
Legal Ad	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL R	
SIZE	
61 Lines	2.00 COLUMN
TIMES	**RATE**
3	
MISC. CHARGES	**AD CHARGES**
	TOTAL COST
	157.50

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-380

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 16, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
State 5-16-9-16 well located in SW/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33849
State 6-16-9-16 well located in SE/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33850
State 11-16-9-16 well located in NE/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33851
State 12-16-9-16 well located in NW/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33852

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
732138 UPAXLP

~~2210/121B/6131~~
2250/RSE/GGUICADM/GF12/6131

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-380 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 10/08/2011 End 10/08/2011

SIGNATURE [signature]

10/10/2011

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581489
My Commission Expires
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 11 day of October, 2011, and that the last publication of such notice was in the issue of such newspaper dated the 11 day of October, 2011, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
~~By Editor~~ Publisher

Subscribed and sworn to before me this

17 day of October, 2011

Bonnie Parrish
Notary Public

BONNIE PARRISH
NOTARY PUBLIC-STATE OF UTAH
471 N HILLCREST DR 415-5
ROOSEVELT, UTAH 84066
COMM. EXP. 3-31-2012

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

NOTICE OF AGENCY ACTION CAUSE NO. UIC-380

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 16, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:

State 5-16-9-16 well located in SW/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33849

State 6-16-9-16 well located in SE/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33850

State 11-16-9-16 well located in NE/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33851

State 12-16-9-16 well located in NW/4 SW/4, Section 16, Township 9 South, Range 16 East API

this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Published in the Uintah Basin Standard October 11, 2011.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-380

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 16, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
State 5-16-9-16 well located in SW/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33849
State 6-16-9-16 well located in SE/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33850
State 11-16-9-16 well located in NE/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33851
State 12-16-9-16 well located in NW/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33852

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

STATE 5-16-9-16, STATE 6-16-9-16,
STATE 11-16-9-16, STATE 12-16-9-16

Cause No. UIC-380

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

SITLA
675 East 500 South
Salt Lake City, UT 84102-2818

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jean Sweet

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

October 5, 2011

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

October 5, 2011

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 10/5/2011 1:26 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-380

On 10/5/2011 12:00 PM, Jean Sweet wrote:

> To whom it may concern:
>
> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
>
> Division of Oil, Gas and Mining
> PO Box 145801
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean Sweet, Executive Secretary
> Utah Div. of Oil, Gas & Mining
> 1594 West Temple, Suite 1210
> Salt Lake City, UT
> 801-538-5329
> jsweet@utah.gov

Received. Thank you. It will be published Oct. 11, 2011.
Cindy

The Salt Lake Tribune MEDIAOne of Utah Deseret News

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000732138-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	**Payor Address**	1594 W NORTH TEMP #1210,P.O. BO) SALT LAKE CITY, UT 84114
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	earlenerussell@utah.gov	Jean	mfultz

Total Amount	**$157.50**
Payment Amt	**$0.00**
Amount Due	**$157.50**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method

PO Number Legal Ad

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 61 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/08/2011	
Product	**Placement**	**Position**
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/08/2011	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	10/08/2011	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-380

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 16, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
State 5-16-9-16 well located in SW/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33849
State 6-16-9-16 well located in SE/4 NW/4, Section 16, Township 9 South, Range 16 East API 43-013-33850
State 11-16-9-16 well located in NE/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33851
State 12-16-9-16 well located in NW/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33852

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interverers should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of October, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
732138 UPAXLP

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 19, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: State 5-16-9-16, Section 16, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33849

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

5. The top of the injection interval shall be limited to a depth no higher than 3,997 feet in the State 5-16-9-16 well.

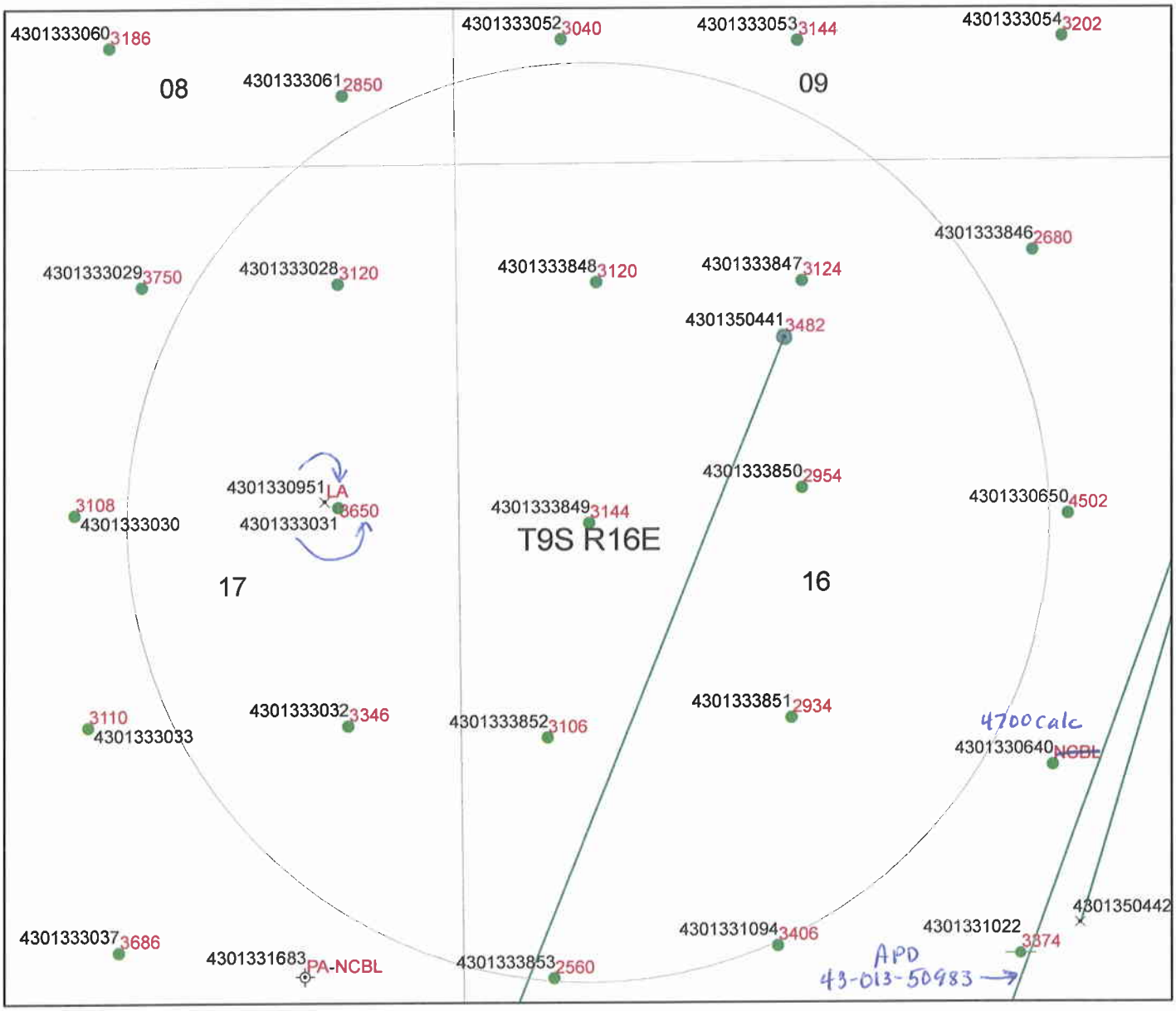
A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

UTAH DNR OIL, GAS & MINING



Cement Bond Tops
STATE 5-16-9-16
API #43-013-33849
UIC-380.1

N

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_92
- **SGID93.ENERGY.DNROilGasWells**
- **GIS_STAT_TYPE**
  - APD
  - DRL
  - GIW
  - GSW
  - LA
  - LOC
  - OPS
  - PA
  - PGW
  - POW
  - RET
  - SGW
  - SOW
  - TA
  - TW
  - WDW
  - WIW
  - WSW
- Wells-CbltopsMaster9_28_11
- SGID93.ENERGY.DNROilGasWells_HDBottom
- SGID93.ENERGY.DNROilGasWells_HDPath

0 0.4 Miles

1870calc = approx cement top calculated from well completion report

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** State 5-16-9-16

Location: 16/9S/16E **API:** 43-013-33849

Ownership Issues: The proposed well is located on State of Utah land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the State of Utah and the BLM. The State of Utah and the Federal Government are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,825 feet. A cement bond log demonstrates adequate bond in this well up to about 3,144 feet. A 2 7/8 inch tubing with a packer will be set at 4,120 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface location, there are 11 producing wells in the AOR. One of the producing wells is a horizontal well, with a surface location inside the AOR and a bottom hole location outside the AOR. All wells within the AOR have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 3,997 feet and 5,799 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 5-16-9-16 well is 0.90 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,902 psig. The requested maximum pressure is 1,902 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 10/26/2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: STATE 5-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338490000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2043 FNL 0758 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 11/29/2012	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 11/28/2012. On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 12, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 12/6/2012

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 11 / 29 / 12 **Time** 1:00 am (pm)

Test Conducted by: Riley Bagley

Others Present: _____

Well: State 5-16-9-16 **Field:** Monument Butte

Well Location: State 5-16-9-16 **API No:** 4301333849

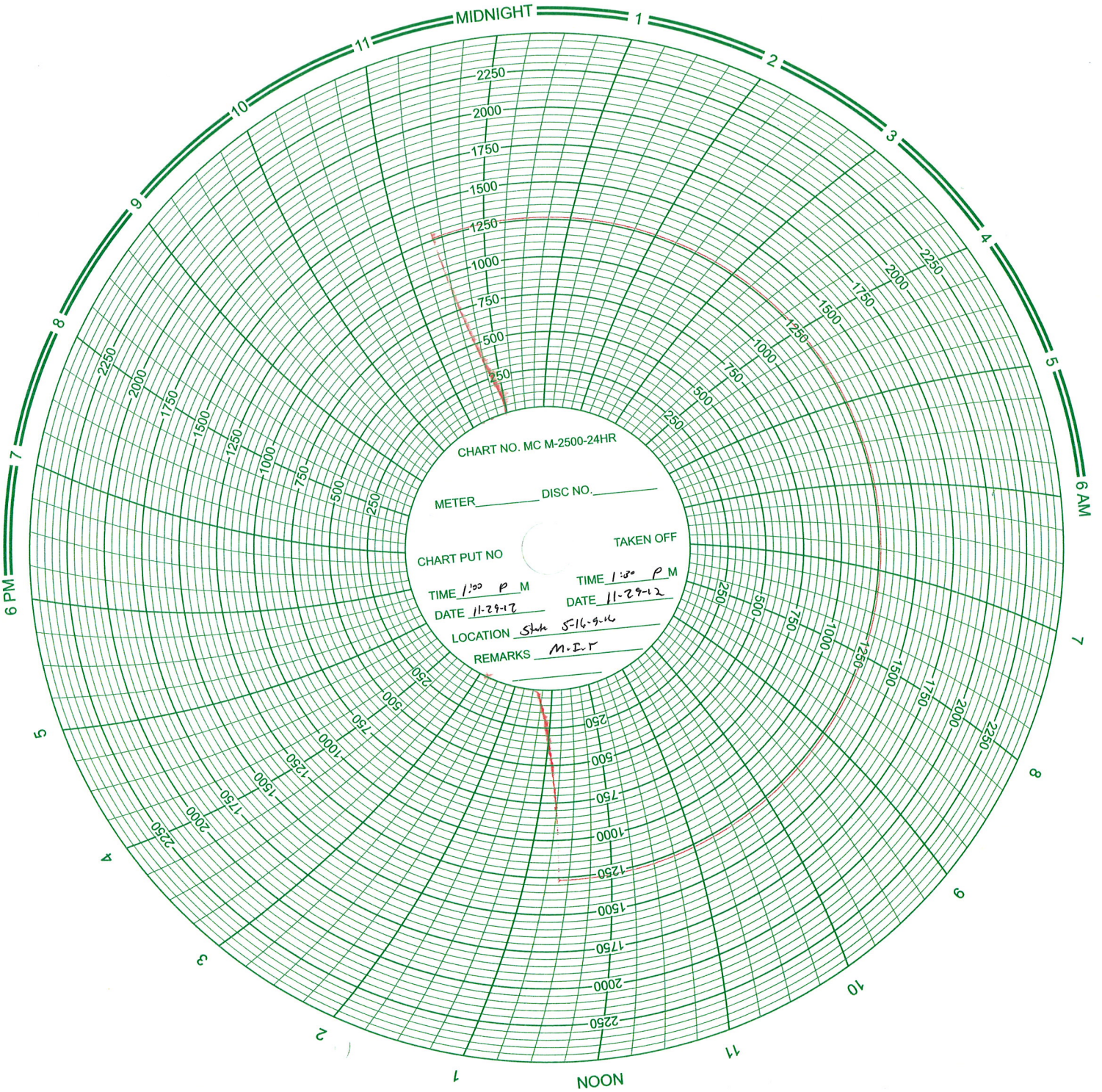
Time	Casing Pressure	
0 min	1270	psig
5	1270	psig
10	1270	psig
15	1270	psig
20	1270	psig
25	1270	psig
30 min	1270	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 250 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____


MIDNIGHT
NOON
6 AM
6 PM
CHART NO. MC M-2500-24HR
METER
DISC NO.
CHART PUT NO
TAKEN OFF
TIME 1:00 P M
DATE 11-29-12
TIME 1:30 P M
DATE 11-29-12
LOCATION Stub 5-16-9-16
REMARKS M.I.T

Daily Activity Report

Format For Sundry

STATE 5-16-9-16

9/1/2012 To 1/30/2013

11/19/2012 Day: 1 **Conversion**

Nabors #1450 on 11/19/2012 - MIRUSU, pull rods - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - bleed well, CSG 100 PSI, TBG 0 PSI, rig maintainance LD 114 3/4" 4 per, 93 3/4" slick, 6 wt bars, & pump, stopped twice & flushed w/ 20 bbl each time XO to TBG equip, ND WH flange, unset TAC, NU BOP's, RU floor, RU tongs POOH w/ 30 stands, breaking, cleaning, & doping colars SWI, clean up for the night - spot rig, post trips, prep to RU, RU, pull head. unseat pump, flush rods w/ 30 bbl, soft seat & test, had to beat on pump to unseat it. LD 30 3/4 4 per, PU polish rod. SDFN

Finalized
Daily Cost: $0
Cumulative Cost: $13,709

11/20/2012 Day: 3 **Conversion**

Nabors #1450 on 11/20/2012 - POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints - Travel time, start rig, morning meeting. Other, bleed well, CSG 250 PSI TBG PSI, rig maintainance, derrick inspection. POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints. Make up BHA, 2 3/8" XN, 2 3/8" x 4' sub, 2 3/8" x 2 7/8" XO, 5 1/2" x 2 7/8" PKR, on/off tool, 2 7/8" S/N, 131 joints. pump 10 bbl pad, drop valve, fill TBG w/ 25 bbl, pumped TBG upto 3000 PSI, RU sandline,TBG droped to 2600 PSI in 15 min, bumped back up to 3000 PSI, droped to 2600 PSI in 15 min, bumped back upto 3000 PSI, droped to 2800 PSI in 15 min, pulled test tee, redoped and retightened tee, pump TBG upto 3000 PSI, held for 30 min, good test. fish valve, RD sandline. SWI, clean

up for the night. - Travel time, start rig, morning meeting. Other, bleed well, CSG 250 PSI TBG PSI, rig maintainance, derrick inspection. POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints. Make up BHA, 2 3/8" XN, 2 3/8" x 4' sub, 2 3/8" x 2 7/8" XO, 5 1/2" x 2 7/8" PKR, on/off tool, 2 7/8" S/N, 131 joints. pump 10 bbl pad, drop valve, fill TBG w/ 25 bbl, pumped TBG upto 3000 PSI, RU sandline,TBG droped to 2600 PSI in 15 min, bumped back up to 3000 PSI, droped to 2600 PSI in 15 min, bumped back upto 3000 PSI, droped to 2800 PSI in 15 min, pulled test tee, redoped and retightened tee, pump TBG upto 3000 PSI, held for 30 min, good test. fish valve, RD sandline. SWI, clean up for the night. - Travel time, start rig, morning meeting. Other, bleed well, CSG 250 PSI TBG PSI, rig maintainance, derrick inspection. POOH w/ 36 stands, breaking, cleaning, & doping colars on the way out, LD 43 joints. Make up BHA, 2 3/8" XN, 2 3/8" x 4' sub, 2 3/8" x 2 7/8" XO, 5 1/2" x 2 7/8" PKR, on/off tool, 2 7/8" S/N, 131 joints. pump 10 bbl pad, drop valve, fill TBG w/ 25 bbl, pumped TBG upto 3000 PSI, RU sandline,TBG droped to 2600 PSI in 15 min, bumped back up to 3000 PSI, droped to 2600 PSI in 15 min, bumped back upto 3000 PSI, droped to 2800 PSI in 15 min, pulled test tee, redoped and retightened tee, pump TBG upto 3000 PSI, held for 30 min, good test. fish valve, RD sandline. SWI, clean up for the night.
Daily Cost: $0
Cumulative Cost: $27,910

11/21/2012 Day: 4 **Conversion**

Nabors #1450 on 11/21/2012 - Nu wellhead, pressure test - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - move different rig on to fish out tools - move different rig on to fish out tools - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - move different rig on to fish out tools - move different rig on to fish out tools - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - RD tongs and floor, ND BOP's, Nu wellhead and flange, pump pkr fluid, set pkr w/15000# tension. Fill csg w/ 30 bbl, pressure up to 1400psi, held for 30 min, good test. - move different rig on to fish out tools - move different rig on to fish out tools **Finalized**
Daily Cost: $0
Cumulative Cost: $38,945

11/27/2012 Day: 6 **Conversion**

Nabors #1450 on 11/27/2012 - MIRU, TOOH W/131 JTS S&N on/off TOOL 70 - Crew Traval & safety Meeting . RD Rig road rig from 3-23-9-16 to 5-16-9-16, MIRU, SICP 1350 Bleed off casing bleed off tubing for 1 1/2 hours, tbg release off packer NU BOP RU tbg EQ TOOH W/131 jts SN& on/off TOOL W/ 70 jts Completely solid with oil did not find gyro tools TIH W/tbg string W/ bit & scraper on bottom flushing pluged jts did not find gyro - Crew Traval & safety Meeting . RD Rig road rig from 3-23-9-16 to 5-16-9-16, MIRU, SICP 1350 Bleed off casing bleed off tubing for 1 1/2 hours, tbg release off packer NU BOP RU tbg EQ TOOH W/131 jts SN& on/off TOOL W/ 70 jts Completely solid with oil did not find gyro tools TIH W/tbg string W/ bit & scraper on bottom flushing pluged jts did not find gyro - Crew Traval & safety Meeting . RD Rig road rig from 3-23-9-16 to 5-16-9-16, MIRU, SICP 1350 Bleed off casing bleed off tubing for 1 1/2 hours, tbg release off packer NU BOP RU tbg EQ TOOH W/131 jts SN& on/off TOOL W/ 70 jts Completely solid with oil did not find gyro tools TIH W/tbg string W/ bit & scraper on bottom flushing pluged jts did not find gyro

Daily Cost: $0
Cumulative Cost: $49,676

11/29/2012 Day: 7 **Conversion**

Nabors #1450 on 11/29/2012 - Pressure test TBG & CSG, Tested good - Crew training and safety meeting, TIH W/ 2 3/8 re-entry / Giude ,2 3/8 Xn nipple 2 3/8 TBG sub 2 3/8 x2 7/8 x over, 5 1/2 as-z1 packer ,on/off TOOL, 2 7/8 SN 60 JTS flush TBG W/ 30 BW TIH W/ 71 more JTS 2 7/8 J-55 TBG pump 30 BW Drop SV psi test tbg to 3000 psi W/40 more bbls hold for 45 minutes good test BET SV W/ sand line , RU VES & gyro well RD work floor ND BOP Set PKR @ 4,128' for 16000 tension SV @ 41723' Xn @ 4136 EOT @ 4138' land tbg W/injection tree mix 15 gal pkr fliud W/ 60 bbls fresh H20 psi CSG to 1500psi W/ 50 bbls lost 100 psi & held good @ 1400 psi 30 min took 1 1/2 hr to get good test Rd and ready to road. - Crew training and safety meeting, TIH W/ 2 3/8 re-entry / Giude ,2 3/8 Xn nipple 2 3/8 TBG sub 2 3/8 x2 7/8 x over, 5 1/2 as-z1 packer ,on/off TOOL, 2 7/8 SN 60 JTS flush TBG W/ 30 BW TIH W/ 71 more JTS 2 7/8 J-55 TBG pump 30 BW Drop SV psi test tbg to 3000 psi W/40 more bbls hold for 45 minutes good test BET SV W/ sand line , RU VES & gyro well RD work floor ND BOP Set PKR @ 4,128' for 16000 tension SV @ 41723' Xn @ 4136 EOT @ 4138' land tbg W/injection tree mix 15 gal pkr fliud W/ 60 bbls fresh H20 psi CSG to 1500psi W/ 50 bbls lost 100 psi & held good @ 1400 psi 30 min took 1 1/2 hr to get good test Rd and ready to road. - Crew training and safety meeting, TIH W/ 2 3/8 re-entry / Giude ,2 3/8 Xn nipple 2 3/8 TBG sub 2 3/8 x2 7/8 x over, 5 1/2 as-z1 packer ,on/off TOOL, 2 7/8 SN 60 JTS flush TBG W/ 30 BW TIH W/ 71 more JTS 2 7/8 J-55 TBG pump 30 BW Drop SV psi test tbg to 3000 psi W/40 more bbls hold for 45 minutes good test BET SV W/ sand line , RU VES & gyro well RD work floor ND BOP Set PKR @ 4,128' for 16000 tension SV @ 41723' Xn @ 4136 EOT @ 4138' land tbg W/injection tree mix 15 gal pkr fliud W/ 60 bbls fresh H20 psi CSG to 1500psi W/ 50 bbls lost 100 psi & held good @ 1400 psi 30 min took 1 1/2 hr to get good test Rd and ready to road. **Finalized**
Daily Cost: $0
Cumulative Cost: $56,304

12/3/2012 Day: 8 **Conversion**

Rigless on 12/3/2012 - Conduct initial MIT - On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 11/20/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1270 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. **Finalized**
Daily Cost: $0
Cumulative Cost: $138,638

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: STATE 5-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338490000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2043 FNL 0758 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 4/12/2013	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☑ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☑ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:30 PM on 04/12/2013.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 19, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 4/19/2013

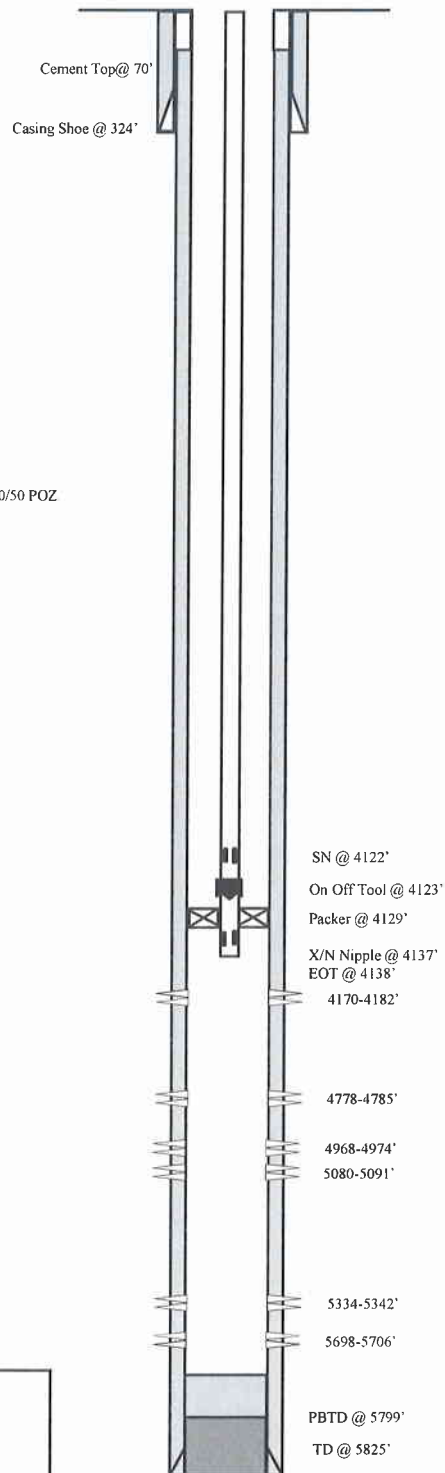
State 5-16-9-16

Spud Date: 04-07-08

Put on Production: 05-14-08

GL: 5922' KB: 5934'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-7/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.48')

DEPTH LANDED: 324'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139jts. (5807.48')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5820.73'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 131 jts. (4110.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4122.1' KB

ON/OFF TOOL AT: 4123.2'

ARROW #1 PACKER CE AT: 4129'

XO 2-3/8 x 2-7/8 J-55 AT: 4132'

TBG PUP 2-3/8 J-55 AT: 4132.5'

X/N NIPPLE AT: 4136.7'

TOTAL STRING LENGTH: EOT @ 4138'

FRAC JOB

05-07-08	**5698-5706'**	**Frac CP3 sands as follows:** Frac with 34586 #'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Treat at an ave pressure of 1941 psi @ 23.2 BPM. ISIP 2046 psi.
05-07-08	**5334-5342'**	**Frac LODC sands as follows:** Frac with 24721 #'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Treat at an ave pressure of 2425 psi @ 23.2 BPM. ISIP 2165 psi.
05-07-08	**5080-5091'**	**Frac A.5 sands as follows:** Frac with 84098 #'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Treat at an ave pressure of 2065 psi @ 23.2 BPM. ISIP 2582 psi.
05-07-08	**4968-4974'**	**Frac B2 sand as follows:** Frac with 24764 #'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Treat at an ave pressure of 3365 psi @ 23.3 BPM. ISIP 2959 psi.
05-07-08	**4778-4785'**	**Frac D2 sands as follows:** Frac with 24664 #'s of 20/40 sand in 341 bbls Lightning 17 of fluid. Treat at an ave pressure of 1975 psi @ 23.3 BPM. ISIP 2279 psi.
05-07-08	**4170-4182'**	**Frac GB4 sands as follows:** Frac with 59402 #'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Treat at an ave pressure of 1805 psi @ 23.3 BPM. ISIP 1929 psi.
12-18-09		**Pump Change.** Update rod and tubing detail
11/28/12		**Convert to Injection Well**
11/29/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4170-4182'	4 JSPF	48 holes
4778-4785'	4 JSPF	28 holes
4968-4974'	4 JSPF	24 holes
5080-5091'	4 JSPF	44 holes
5334-5342'	4 JSPF	32 holes
5698-5706'	4 JSPF	32 holes

NEWFIELD

State 5-16-9-16
2043' FNL & 758' FWL
SWNW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33849; Lease #ML-16532

LCN 12/05/12

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-380

Operator: Newfield Production Company

Well: State 5-16-9-16

Location: Section 16, Township 9 South, Range 15/6 East

County: Duchesne

API No.: 43-013-33849

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 19, 2012.
2. Maximum Allowable Injection Pressure: 1,902 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,997' – 5,799')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: John Rogers — 12/17/2012

John Rogers
Associate Director

Date

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC